ATTACHMENT 1 SOM01.2/Low/Med SOP NO. HW-33/VOA, Rev.1

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Functional Guidelines for Evaluating Organic Analysis

CASE No.: 40200 SDG No.: B0003, B0005 LABORATORY: A4 SITE: Riverside Ave SAMPLER: TTEMI ANALYSIS: VOA

DATA ASSESSMENT

The current SOP HW-33/VOA (Revision 1) August 2007, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data has been applied.

Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report.

Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

All data are valid and acceptable except those analytes rejected "R"(unusable). Due to the detection of QC problems, some analytes may have the "J" (estimated), "N"(presumptive evidence for the presence of the material), "U" (non-detect) or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All action is detailed on the attached sheets.

The "R" flag means that the associated value is unusable. In other words, significant data bias is evident and the reported analyte concentration is unreliable.

Reviewer's Signature:	Dorina Christina Alliu	Date: <u>Au</u>	Date: <u>August/19/2010</u>		
Peer Reviewe Signature:	er's 	Date:	I	/2010	
Verified By:		Date:	I	/2010	

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

No problems found for this qualification as per NFG/CCS report

2. DMC's

All samples are spiked with surrogate compounds (DMC's) prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following diluted volatile samples have DMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are not qualified.

Chloroethane-d5 B0003DL

Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane

Vinyl chloride-d3 B0003DL

Vinyl chloride

The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

1,2-Dichloroethane-d4 B0033

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dibromoethane, 1,2-Dichloroethane, Carbon tetrachloride, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane

1,1,2,2-Tetrachloroethane-d2 B0033

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

The following diluted volatile samples have DMC recoveries less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

1,2-Dichloroethane-d4 B0012

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dibromoethane, 1,2-Dichloroethane, Carbon tetrachloride, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane

1,1,2,2-Tetrachloroethane-d2 B0012

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

Chloroform-d B0012

1,1-Dichloroethane, Bromochloromethane, Bromoform, Chloroform, Dibromochloromethane

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not Applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination

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of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 1 times the blank contaminant level (2 times for common contaminants), the analytes are qualified as non-detects, "U".

The following analytes in the sample shown were qualified with "U" for these reasons:

A) Method blank contamination:

No problems found for this qualification

B) Field or rinse blank contamination:

Not applicable

C) Trip blank contamination for VOA aqueous samples:

Not applicable

D) Storage Blank associated with VOA samples only:

No problems found for this qualification

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene.

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05 , and ≥ 0.01 for the twenty-two analytes with poor response in both the initial and continuing calibrations. A value < 0.05, or < 0.01 for the poor performers indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification as per NFG/CCS report

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria (> 90%), non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Bromomethane B0003, B0003DL, B0004, B0010, B0012, B0012DL, B0031, B0033, VBLK9S, VBLK9Z, VHBLK3K

The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

Carbon tetrachloride B0003, B0010, B0012, B0031, B0033, VBLK9Z, VHBLK3K

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +200%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than □30 seconds from the associated continuing calibration

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standard. If the area count is outside the (-50% to +200%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Volatile Fraction:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems found for this qualification.

12. OTHER PROBLEMS:

None

13. This package contains reextractions, reanalyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

B0003DL, B0012DL.

SDG# B0005

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the

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holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

No problems found for this qualification as per NFG/CCS report

2. DMC's

All samples are spiked with surrogate compounds (DMC's) prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are not qualified.

Chloroethane-d5 B0009, B0015

Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane

2-Butanone-d5 B0006

2-Butanone, Acetone

1,1,2,2-Tetrachloroethane-d2 B0016

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

2-Hexanone-d5 B0006

2-Hexanone, 4-Methyl-2-pentanone

Vinyl chloride-d3 B0005, B0014

Vinyl chloride

The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

Chloroethane-d5 B0006, B0014, B0016

Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not Applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 1 times the blank contaminant level (2 times for common contaminants), the analytes are qualified as non-detects, "U".

The following analytes in the sample shown were qualified with "U" for these reasons:

C) Method blank contamination:

No problems found for this qualification.

D) Field or rinse blank contamination:

Not applicable

C) Trip blank contamination for VOA aqueous samples:

Not applicable

D) Storage Blank associated with VOA samples only:

No problems found for this qualification.

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene.

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05 , and ≥ 0.01 for the twenty-two analytes with poor response in both the initial and continuing calibrations. A value < 0.05, or < 0.01 for the poor performers indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification as per NFG/CCS report

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria (> 90%), non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Bromomethane B0005, B0006, B0009, B0009DL, B0013, B0014, B0014DL, B0015, B0015DL, B0016, VBLK2A, VBLK2B, VBLK9Y, VHBLK3N

The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

Carbon tetrachloride B0013, B0014, VBLK2A

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +200%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than □30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +200%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Volatile Fraction:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification.

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10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems found for this qualification.

12. OTHER PROBLEMS:

None

13. This package contains reextractions, reanalyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

B0009DL, B0014DL, B0015DL

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Functional Guidelines for Evaluating Organic Analysis

CASE No.: 40200 SDG No.: B0008, B0017 LABORATORY: A4 SITE: Riverside Ave SAMPLER: TTEMI ANALYSIS: VOA (Mod #1722.1)

DATA ASSESSMENT

The current SOP HW-33/VOA (Revision 1) August 2007, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data has been applied.

Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report.

Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

All data are valid and acceptable except those analytes rejected "R"(unusable). Due to the detection of QC problems, some analytes may have the "J" (estimated), "N"(presumptive evidence for the presence of the material), "U" (non-detect) or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All action is detailed on the attached sheets.

The "R" flag means that the associated value is unusable. In other words, significant data bias is evident and the reported analyte concentration is unreliable.

Reviewer's Signature:	Dorina Christina Alliu	Date: <u>Au</u>	Date: <u>August/19/2010</u>		
Peer Reviewe Signature:	er's 	Date:	1	/2010	
Verified By:		Date:	1	/2010	

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

The following preserved volatile water samples are outside primary holding time criteria. Detected compounds are qualified J. Non-detected compounds are qualified R.

B0002, B0008, B0018, B0019, B0020, B0021, B0022, B0034, B0035, B0040, B0041, B0042, B0044

2. DMC's

All samples are spiked with surrogate compounds (DMC's) prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

1,2-Dichloroethane-d4 B0020, B0021, B0034, B0035

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dibromoethane, 1,2-Dichloroethane, Carbon tetrachloride, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane

1,1,2,2-Tetrachloroethane-d2 B0021

1,1,2,2-Tetrachloroethane, 1,2-Dibromo-3-chloropropane

trans-1,3-Dichloropropene-d4 B0020, B0021, B0022, B0034, B0035, B0041, B0042, B0044 1,1,2-Trichloroethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene

1,2-Dichloropropane-d6 B0020

1,2-Dichloropropane, Bromodichloromethane, Cyclohexane, Methylcyclohexane

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not Applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 1 times the blank contaminant level (2 times for common contaminants), the analytes are qualified as non-detects, "U".

The following analytes in the sample shown were qualified with "U" for these reasons:

A) Method blank contamination:

No problems found for this qualification

B) Field or rinse blank contamination:

Not applicable

C) Trip blank contamination for VOA aqueous samples:

Not applicable

D) Storage Blank associated with VOA samples only:

No problems found for this qualification

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene.

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05 , and ≥ 0.01 for the twenty-two analytes with poor response in both the initial and continuing calibrations. A value < 0.05, or < 0.01 for the poor performers indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification as per NFG/CCS report

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria (> 90%), non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

Carbon tetrachloride B0002, B0008, B0018, B0019, B0040, VBLK13

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +200%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than $\square 30$ seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +200%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Volatile Fraction:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems found for this qualification.

12. OTHER PROBLEMS:

None

13. This package contains reextractions, reanalyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

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None

SDG# B0017

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the

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holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

The following preserved volatile water samples are outside primary holding time criteria. Detected compounds are qualified J. Non-detected compounds are qualified R.

B0017, B0023, B0024, B0029, B0030, B0036, B0037, B0043

2. DMC's

All samples are spiked with surrogate compounds (DMC's) prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following volatile samples have DMC/SMC recoveries above the upper limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are not qualified.

Chloroethane-d5 B0023, B0036

Bromomethane, Carbon disulfide, Chloroethane, Chloromethane, Dichlorodifluoromethane

Vinyl chloride-d3 B0017, B0030, B0036

Vinyl chloride

The following volatile samples have one or more DMC/SMC recovery values is less than the primary lower limit but greater than or equal to the expanded lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

1,2-Dichloroethane-d4 B0029, B0037, B0043

1,1,1-Trichloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,2-Dibromoethane, 1,2-Dichloroethane, Carbon tetrachloride, Methyl acetate, Methyl tert-butyl ether, Methylene chloride, Trichlorofluoromethane

2-Butanone-d5 B0023, B0024, B0030

2-Butanone, Acetone

trans-1,3-Dichloropropene-d4 B0037

1,1,2-Trichloroethane, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not Applicable.

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 1 times the blank contaminant level (2 times for common contaminants), the analytes are qualified as non-detects, "U".

The following analytes in the sample shown were qualified with "U" for these reasons:

C) Method blank contamination:

No problems found for this qualification.

D) Field or rinse blank contamination:

Not applicable

C) Trip blank contamination for VOA aqueous samples:

Not applicable

D) Storage Blank associated with VOA samples only:

No problems found for this qualification.

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for VOA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene.

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be ≥ 0.05 , and ≥ 0.01 for the twenty-two analytes with poor response in both the initial and continuing calibrations. A value < 0.05, or < 0.01 for the poor performers indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification as per NFG/CCS report

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 20%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. %D must be < 25%, < 40% for the poor performers, and < 50% for 1,4-Dioxane. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria (> 90%), non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

Page 10 of 11

The following volatile samples are associated with an opening or closing CCV percent difference (%D) outside criteria. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

Carbon tetrachloride B0037, B0043, VBLK13

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +200%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than \Box 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +200%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Volatile Fraction:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification.

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems found for this qualification.

12. OTHER PROBLEMS:

None

ATTACHMENT 1 SOM01.2/Low/Med SOP NO. HW-33/VOA, Rev.1

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13. This package contains reextractions, reanalyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

None

ATTACHMENT 1 SOM01.2/Semivolatiles SOP NO. HW-35/SVOA, Rev.1

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Functional Guidelines for Evaluating Organic Analysis

CASE No.: 40200 SDG No.: B0003, B0005 LABORATORY: A4 SITE: Riverside Ave SAMPLER: TTEMI ANALYSIS: BNA

DATA ASSESSMENT

The current SOP HW-35/SVOA (Revision 1) August 2007, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report.

Tentatively Indentified Compounds (TICS) for BNA organic fraction is not validated.

All data are valid and acceptable except those analytes rejected "R"(unusable). Due to the detection of QC problems, some analytes may have the "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detect) or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All action is detailed on the attached sheets.

The "R" flag means that the associated value is unusable. In other words, significant data bias is evident and the reported analyte concentration is unreliable.

Reviewer's				
Signature:	Dorina Christina Alliu	Date: <u>August/19/2010</u>		
Peer Reviewe Signature:	er's 	Date:	1	/2010
Verified By:		Date:	1	/2010

SDG# B0003

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

No problems found for this qualification as per NFG/CCS report

2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following semi-volatile samples have deuterated monitoring compound recovery above the upper limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are not qualified.

4-Methylphenol-d8 B0031

2,4-Dimethylphenol, 2-Methylphenol, 4-Methylphenol

4-Nitrophenol-d4 B0031

2,4-Dinitrophenol, 2-Nitroaniline, 3-Nitroaniline, 4-Nitroaniline, 4-Nitrophenol

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not applicable

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure crosscontamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the sample shown were qualified with "U" for these reasons:

A) Method blank contamination:

No problems found for this qualification

B) Field or rinse blank contamination:

Not Applicable

C) Trip blank contamination for VOA aqueous samples:

Not Applicable

D) Storage Blank associated with VOA samples only:

Not Applicable

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for BNA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB)

Bromofluorobenzene and for semi-volatiles Decafluorotriphenyl-phosphine (DFTPP).

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following semi-volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Pentachlorophenol B0003, B0004, B0010, B0012, B0031, SBLK4M

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than \Box 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Semi-Volatile Fractions:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification as per NFG/CCS report

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems

12. OTHER PROBLEMS:

None

13. This package contains re-extractions, re-analyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

ATTACHMENT 1 SOM01.2/Semivolatiles SOP NO. HW-35/SVOA, Rev.1

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None

SDG# B0005

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J".

The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

No problems found for this qualification as per NFG/CCS report

2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

The following diluted semi-volatile samples with dilution factors less than or equal to 5 have deuterated monitoring compound recovery below the lower limit of the criteria window. Detected compounds are qualified J. Non-detected compounds are qualified UJ.

Pyrene-d10 B0006

Benzo(a)anthracene, Chrysene, Fluoranthene, Pyrene

Benzo (a) pyrene-d12 B0006

Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene

Dimethylphthalate-d6 B0006

1,1'-Biphenyl, Bis(2-Ethylhexyl)phthalate, Butylbenzylphthalate, Caprolactam, Di-n-butylphthalate, Di-n-butylphthalate, Dimethylphthalate

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not applicable

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the sample shown were qualified with "U" for these reasons:

A) Method blank contamination:

No problems found for this qualification

B) Field or rinse blank contamination:

Not Applicable

C) Trip blank contamination for VOA aqueous samples:

Not Applicable

D) Storage Blank associated with VOA samples only:

Not Applicable

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for BNA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are

not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatiles Decafluorotriphenyl-phosphine (DFTPP).

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following semi-volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Pentachlorophenol B0005, B0006, B0009, B0013, B0014, B0015, B0016, SBLK2V

The following semi-volatile samples are associated with incorrect initial calibration sequence. Detected compounds are qualified J. Non-detected compounds are qualified UJ

Pentachlorophenol B0006, B0009, B0013, B0014, B0015, B0016

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than □30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Semi-Volatile Fractions:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification as per NFG/CCS report

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems

12. OTHER PROBLEMS:

None

13. This package contains re-extractions, re-analyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

None

ATTACHMENT 1 SOM01.2/Semivolatiles SOP NO. HW-35/SVOA, Rev.1

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Functional Guidelines for Evaluating Organic Analysis

CASE No.: 40200 SDG No.: B0008, B0017 LABORATORY: A4 SITE: Riverside Ave

SAMPLER: TTEMI ANALYSIS: BNA (Mod # 1723.0)

DATA ASSESSMENT

Daviewer's

The current SOP HW-35/SVOA (Revision 1) August 2007, USEPA Region II Data Validation SOP for Statement of Work SOM01.2 for evaluating organic data have been applied.

Data has been reviewed according to TDF specifications, the National Functional Guidelines Report and the CCS Semi- Automated Screening Results Report.

Tentatively Indentified Compounds (TICS) for BNA organic fraction is not validated.

All data are valid and acceptable except those analytes rejected "R"(unusable). Due to the detection of QC problems, some analytes may have the "J" (estimated), "N" (presumptive evidence for the presence of the material), "U" (non-detect) or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All action is detailed on the attached sheets.

The "R" flag means that the associated value is unusable. In other words, significant data bias is evident and the reported analyte concentration is unreliable.

Signature:	Dorina Christina Alliu	Date: <u>August/19/2010</u>		
Peer Reviewe Signature:	er's 	Date:	I	/2010
Verified By:		Date:	1	/2010

SDG# B0008

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

No problems found for this qualification as per NFG/CCS report

2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

No problems found for this qualification

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not applicable

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure crosscontamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the sample shown were qualified with "U" for these reasons:

A)

Method blank contamination:

No problems found for this qualification

B) Field or rinse blank contamination:

Not Applicable

C) Trip blank contamination for VOA aqueous samples:

Not Applicable

D) Storage Blank associated with VOA samples only:

Not Applicable

.

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for BNA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatiles Decafluorotriphenyl-phosphine (DFTPP).

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

No problems found for this qualification

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following semi-volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Pyridine B0002, B0008, B0018, B0019, B0020, B0021, B0022, B0034, B0035, B0040, B0041, B0042, B0044, SBLK5Q

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than \Box 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

- 9. COMPOUND IDENTIFICATION:
- A) Semi-Volatile Fractions:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification as per NFG/CCS report

10. CONTRACT PROBLEMS NON-COMPLIANCE:

None

11. FIELD DOCUMENTATION:

No problems

12. OTHER PROBLEMS:

None

13. This package contains re-extractions, re-analyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

None

SDG# B0017

1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation,

volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

No problems found for this qualification as per NFG/CCS report

2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

No problems found for this qualification as per NFG/CCS report

3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Not applicable

4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination, which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the sample shown were qualified with "U" for these reasons:

A)

Method blank contamination:

No problems found for this qualification

B) Field or rinse blank contamination:

Not Applicable

C) Trip blank contamination for VOA aqueous samples:

Not Applicable

D) Storage Blank associated with VOA samples only:

Not Applicable

E) Tics "R" rejected:

Tentatively Indentified Compounds (TICS) for BNA organic fraction is not validated.

5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatiles Decafluorotriphenyl-phosphine (DFTPP).

If the mass calibration is in error, all associated data will be classified as unusable "R".

No problems found for this qualification as per NFG/CCS report

6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be 0.05 in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound

will be rejected "R".

No problems found for this qualification

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detects data may be qualified "R".

The following analytes in the sample shown were qualified for %RSD and %D:

The following semi-volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Non-detected compounds are not qualified.

Pyridine B0017, B0023, B0024, B0029, B0030, B0036, B0037, B0043, B0043DL, SBLK5R

8. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than $\square 30$ seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgment to determine either partial or total rejection of the data for that sample fraction.

No problems found for this qualification as per NFG/CCS report

9. COMPOUND IDENTIFICATION:

A) Semi-Volatile Fractions:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within \square 0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

No problems found for this qualification as per NFG/CCS report

10. CONTRACT PROBLEMS NON-COMPLIAN	NCE	::
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None

11. FIELD DOCUMENTATION:

No problems

12. OTHER PROBLEMS:

None

13. This package contains re-extractions, re-analyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified NOT to be used.

B0043DL

VOA Low_Medium

Sample No: B0010 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Trichlorofluoromethane	5	U	YES
1,1-Dichloroethene	5	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	YES
Acetone	10	U	YES
Carbon Disulfide	5	U	YES
Methyl acetate	5	U	YES
Methylene chloride	1.5	J	YES
trans-1,2-Dichloroethene	5	U	YES
Methyl tert-butyl ether	5	U	YES
1,1-Dichloroethane	5	U	YES
cis-1,2-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Bromochloromethane	5	U	YES
Chloroform	5	U	YES
1,1,1-Trichloroethane	5	U	YES
Cyclohexane	5	U	YES
Carbon tetrachloride	5	UJ	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
1,4-Dioxane	100	U	YES
Trichloroethene	5	U	YES
Methylcyclohexane	5	U	YES
1,2-Dichloropropane	5	U	YES
Bromodichloromethane	5	U	YES
cis-1,3-Dichloropropene	5	U	YES
4-Methyl-2-pentanone	10	U	YES
Toluene	5	U	YES
trans-1,3-Dichloropropene	5	U	YES
1,1,2-Trichloroethane	5	U	YES
Tetrachloroethene	5	U	YES
2-Hexanone	10	U	YES
Dibromochloromethane	5	U	YES
1,2-Dibromoethane	5	U	YES
Chlorobenzene	5	U	YES
Ethylbenzene	5	U	YES
o-Xylene	5	U	YES
m,p-Xylene	5	U	YES
Styrene	5	U	YES
Bromoform	5	U	YES
Isopropylbenzene	5	U	YES
1,1,2,2-Tetrachloroethane	5	U	YES
1,3-Dichlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES
1,2-Dichlorobenzene	5	U	YES
1,2-Dibromo-3-chloropropane	5	U	YES
1,2,4-Trichlorobenzene	5	U	YES
1,2,3-Trichlorobenzene	5	U	YES

VOA Low_Medium

Sample No: B0012 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 2
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	10 10	Ü	YES
Chloromethane		U	YES
Vinyl chloride	10	U	YES
Bromomethane	10	<u>U</u>	YES
Chloroethane	10	<u>U</u>	YES
Trichlorofluoromethane	10	UJ	YES
1,1-Dichloroethene	5.3	J	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	10	UJ	YES
Acetone	290		YES
Carbon Disulfide	10	U	YES
Methyl acetate	12	J	YES
Methylene chloride	210	J	YES
trans-1,2-Dichloroethene	10	U	YES
Methyl tert-butyl ether	10	UJ	YES
1,1-Dichloroethane	140	J	YES
cis-1,2-Dichloroethene	10	Ū	YES
2-Butanone	310		YES
Bromochloromethane	10	UJ	YES
Chloroform	10	UJ	YES
1,1,1-Trichloroethane	190		YES
Cyclohexane	10	U U	YES
Carbon tetrachloride	10	UJ	YES
		UJ	
Benzene	24		YES
1,2-Dichloroethane	10	UJ	YES
1,4-Dioxane	200	U	YES
Trichloroethene	19		YES
Methylcyclohexane	10	U	YES
1,2-Dichloropropane	10	U	YES
Bromodichloromethane	10	U	YES
cis-1,3-Dichloropropene	10	U	YES
4-Methyl-2-pentanone	48		YES
Toluene	250		YES
trans-1,3-Dichloropropene	10	U	YES
1,1,2-Trichloroethane	10	Ū	YES
Tetrachloroethene	7.3	J	YES
2-Hexanone	20	Ū	YES
Dibromochloromethane	10	UJ	YES
1,2-Dibromoethane	10	UJ	YES
Chlorobenzene	2.6		YES
		U	
Ethylbenzene	370 71		YES YES
o-Xylene			
m,p-Xylene	110		YES
Styrene	38		YES
Bromoform	10	UJ	YES
Isopropylbenzene	13		YES
1,1,2,2-Tetrachloroethane	10	UJ	YES
1,3-Dichlorobenzene	10	U	YES
1,4-Dichlorobenzene	4.3	J	YES
1,2-Dichlorobenzene	22		YES
1,2-Dibromo-3-chloropropane	10	UJ	YES
1,2,4-Trichlorobenzene	53		YES
1,2,3-Trichlorobenzene	13		YES
Diisopropyl Ether	730	JN	YES
Propane, 1-bromo-2-methyl-	120	JN	YES
Benzene, propyl-	53	JN	YES
Benzene, 1-ethyl-3-methyl-	260	JN	YES
Benzene, 1,3,5-trimethyl-	150	JN	YES
Benzene, 1-ethyl-2-methyl-	100	JN	YES
	260		
Benzene, 1,2,3-trimethyl- (01)		JN	YES
Benzene, 1,2,3-trimethyl- (02)	83	JN	YES

VOA Low_Medium

Sample No: B0012 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 2
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzene, 1,3-diethyl-	24	JN	YES
Benzene, 1-ethyl-2,4-dimethyl-	61	JN	YES
Benzene, 1,2,3,4-tetramethyl-	35	JN	YES
Benzene, 1,2,4,5-tetramethyl-	49	JN	YES
Naphthalene, 1,2,3,4-tetrah	44	JN	YES

VOA Low_Medium

Sample No: B0012DL SDG No: B0003
pH: Matrix: WATER

LAB: A4 %Moisture:
Date Sampled: 6/8/2010 Time Sampled:

Case No: 40200 Units: ug/L Dilution Factor: 5

Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	25	U	N
Chloromethane	25	U	N
Vinyl chloride	25	U	N
Bromomethane	25	U	N
Chloroethane	25	U	N
Trichlorofluoromethane	25	U	N
1,1-Dichloroethene	25	U	N
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	N
Acetone	250		N
Carbon Disulfide	25	U	N
Methyl acetate	25	U	N
Methylene chloride	140		N
trans-1,2-Dichloroethene	25	U	N
Methyl tert-butyl ether	25	U	N
1,1-Dichloroethane	70	<u> </u>	N
cis-1,2-Dichloroethene	25	U	N
2-Butanone	240		N
Bromochloromethane	25	U	N
Chloroform	25 25	U U	N
1,1,1-Trichloroethane		U	N
	89 25	U	N N
Cyclohexane			
Carbon tetrachloride	25	U	N
Benzene	25	U	N
1,2-Dichloroethane	25	U	N
1,4-Dioxane	500	U	N
Trichloroethene	9.7	J	N
Methylcyclohexane	25	U	N
1,2-Dichloropropane	25	U	N
Bromodichloromethane	25	U	N
cis-1,3-Dichloropropene	25	U	N
4-Methyl-2-pentanone	50	U	N
Toluene	250		N
trans-1,3-Dichloropropene	25	U	N
1,1,2-Trichloroethane	25	U	N
Tetrachloroethene	25	U	N
2-Hexanone	50	U	N
Dibromochloromethane	25	U	N
1,2-Dibromoethane	25	U	N
Chlorobenzene	25	U	N
Ethylbenzene	210		N
o-Xylene	37		N
m,p-Xylene	57		N
Styrene	21	J	N
Bromoform	25	U	N
Isopropylbenzene	6.1	J	N
1,1,2,2-Tetrachloroethane	25	Ū	N
1,3-Dichlorobenzene	25	Ü	N
1,4-Dichlorobenzene	25	U	N
1,2-Dichlorobenzene	13	J	N
1,2-Dibromo-3-chloropropane	25	U	N
1,2,4-Trichlorobenzene	27	<u> </u>	N
1,2,3-Trichlorobenzene	7.6	J	N N
Diisopropyl Ether	480	JDN	N N
Propane, 1-bromo-2-methyl-	58	JDN	N
Benzene, propyl-	25	JDN	N N
Benzene, 1-ethyl-2-methyl- (01)	150	JDN	N
Benzene, 1,2,3-trimethyl- (01)	81	JDN	N
Benzene, 1-ethyl-2-methyl- (02)	53	JDN	N
Benzene, 1,3,5-trimethyl-	150	JDN	N
Benzene, 1,2,3-trimethyl- (02)	45	JDN	N

VOA Low_Medium

Sample No: B0012DL SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 5
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical NameResult ValueValidationReportableBenzene, 1-methyl-2-(1-meth...)27JDNN

Date Sampled: 6/9/2010

LAB: A4

VOA Low_Medium

Sample No: B0031 SDG No: B0003 PH: Matrix: WATER

%Moisture: Time Sampled: Units: ug/L Dilution Factor: 1

Sample Location: NA

Case No: 40200

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	5	U	YES
Chloromethane	5	U	YES
Vinyl chloride	5	U	YES
Bromomethane	5	U	YES
Chloroethane	5	U	YES
Trichlorofluoromethane	5	U	YES
1,1-Dichloroethene	5	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	YES
Acetone	7.4		YES
Carbon Disulfide	5	U	YES
Methyl acetate	5	U	YES
Methylene chloride	4.5		YES
trans-1,2-Dichloroethene	5	U	YES
Methyl tert-butyl ether	5	U	YES
1,1-Dichloroethane	5	U	YES
cis-1,2-Dichloroethene	<u>5</u>	U	
·	2.4		YES
2-Butanone			YES
Bromochloromethane	5	U	YES
Chloroform	5	U	YES
1,1,1-Trichloroethane	5	U	YES
Cyclohexane	5	<u>U</u>	YES
Carbon tetrachloride	5	UJ	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
1,4-Dioxane	100	U	YES
Trichloroethene	5	U	YES
Methylcyclohexane	5	U	YES
1,2-Dichloropropane	5	U	YES
Bromodichloromethane	5	U	YES
cis-1,3-Dichloropropene	2.4	J	YES
4-Methyl-2-pentanone	10	U	YES
Toluene	1.7	J	YES
trans-1,3-Dichloropropene	1.5	J	YES
1,1,2-Trichloroethane	5	U	YES
Tetrachloroethene	5	U	YES
2-Hexanone	10	U	YES
Dibromochloromethane	5	U	YES
1,2-Dibromoethane	5	U	YES
Chlorobenzene	5	U	YES
Ethylbenzene	5	U	YES
o-Xylene	5	U	YES
m,p-Xylene	5	U	YES
Styrene	5	U	YES
Bromoform	5	U	YES
Isopropylbenzene	5	U	YES
1,1,2,2-Tetrachloroethane	5	U	YES
1,3-Dichlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES
1,2-Dichlorobenzene	5	U	YES
1,2-Dibromo-3-chloropropane	5	U	YES
1,2,4-Trichlorobenzene	5	U	YES
1,2,3-Trichlorobenzene	5	U	YES

Date Sampled: 6/9/2010

LAB: A4

VOA Low_Medium

Sample No: B0033 SDG No: B0003 pH: Matrix: WATER

%Moisture:
Time Sampled:

Case No: 40200 Units: ug/L

Dilution Factor: 1
Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	5	U	YES
Chloromethane	5	U	YES
Vinyl chloride	5	U	YES
Bromomethane	5	U	YES
Chloroethane	5	U	YES
Trichlorofluoromethane	5	UJ	YES
1,1-Dichloroethene	5	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	5	UJ	YES
Acetone	6.7	J	YES
Carbon Disulfide	5	U	YES
Methyl acetate	5	UJ	YES
Methylene chloride	4	J	YES
trans-1,2-Dichloroethene	5	U	YES
Methyl tert-butyl ether	5	UJ	YES
1,1-Dichloroethane	5	U	YES
cis-1,2-Dichloroethene	5	U	YES
2-Butanone	10	Ŭ	YES
Bromochloromethane	5	U	YES
Chloroform	5	U	YES
1,1,1-Trichloroethane	5	UJ	YES
Cyclohexane	5	U	YES
Carbon tetrachloride	5	UJ	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	UJ	YES
1,4-Dioxane	100	U	YES
Trichloroethene	5	U	YES
Methylcyclohexane	5	U	YES
1,2-Dichloropropane	5	U	YES
Bromodichloromethane	5	U	YES
cis-1,3-Dichloropropene	5	U	YES
4-Methyl-2-pentanone	10	U	YES
Toluene	1.7	J	YES
trans-1,3-Dichloropropene	5	U	YES
1,1,2-Trichloroethane	5	U	YES
Tetrachloroethene	5	U	YES
2-Hexanone	10	U	YES
Dibromochloromethane	5	U	YES
1,2-Dibromoethane	5	UJ	YES
Chlorobenzene	5	U	YES
Ethylbenzene	5	U	YES
o-Xylene	5	U	YES
m,p-Xylene	5	U	YES
Styrene	5	U	YES
Bromoform	5	U	YES
Isopropylbenzene	5	U	YES
1,1,2,2-Tetrachloroethane	5	UJ	YES
1,3-Dichlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES
1,2-Dichlorobenzene	5	U	YES
1,2-Dibromo-3-chloropropane	5	UJ	YES
1,2,4-Trichlorobenzene	5	U	YES
1,2,3-Trichlorobenzene	5	U	YES
Cyclotetrasiloxane, octamet	5.3	JN	YES
	- • •		

Date Sampled: 6/18/2010

pH: LAB: A4

VOA Low Medium

Sample No: VBLK9S SDG No: B0003
pH: Matrix: WATER

%Moisture:
Time Sampled:

Units: ug/L
Dilution Factor: 1
Sample Location: NA

Case No: 40200

Chemical Name Result Value Validation Reportable Dichlorodifluoromethane YES Chloromethane 5 YES IJ Vinyl chloride 5 U YES Bromomethane 5 IJ YES 5 Chloroethane U YES 5 U YES Trichlorofluoromethane 5 U YES 1-Dichloroethene 1,1,2-Trichloro-1,2,2-trifluoroethane 5 U YES 10 U YES Acetone Carbon Disulfide 5 U YES Methyl acetate 5 U YES Methylene chloride 5 U YES 5 U trans-1,2-Dichloroethene YES YES Methyl tert-butyl ether U 5 U YES 1,1-Dichloroethane 5 cis-1,2-Dichloroethene U YES 10 U 2-Butanone YES 5 U YES Bromochloromethane 5 U Chloroform YES 5 1,1,1-Trichloroethane U YES 5 Cyclohexane U YES Carbon tetrachloride 5 U YES 5 U YES Benzene 1,2-Dichloroethane 5 U YES 1,4-Dioxane 100 U YES 5 Trichloroethene U YES 5 U YES Methylcyclohexane 1,2-Dichloropropane 5 U YES 5 U YES Bromodichloromethane 5 cis-1,3-Dichloropropene U YES 10 U 4-Methyl-2-pentanone YES 5 U Toluene YES 5 trans-1,3-Dichloropropene U YES 1,1,2-Trichloroethane 5 U YES 5 U Tetrachloroethene YES 2-Hexanone 10 U YES Dibromochloromethane 5 U YES 1,2-Dibromoethane 5 U YES 5 U Chlorobenzene YES 5 Ethylbenzene U YES 5 U YES o-Xylene 5 U m,p-Xylene YES 5 U YES Styrene 5 U YES Bromoform Isopropylbenzene 5 U YES 1,1,2,2-Tetrachloroethane 5 U YES 5 1,3-Dichlorobenzene U YES 1,4-Dichlorobenzene 5 U YES 1,2-Dichlorobenzene 5 U YES 1,2-Dibromo-3-chloropropane 5 U YES 5 U 4-Trichlorobenzene YES 1,2,3-Trichlorobenzene 5 U YES

Date Sampled: 6/21/2010

LAB: A4

VOA Low Medium

Sample No: VBLK9Z SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

%Moisture: Dilution Factor: 1
Time Sampled: Sample Location: NA

Chemical Name Result Value Validation Reportable Dichlorodifluoromethane YES Chloromethane 5 YES IJ Vinyl chloride 5 U YES Bromomethane 5 IJ YES 5 Chloroethane U YES 5 U YES Trichlorofluoromethane 5 U YES 1-Dichloroethene 1,1,2-Trichloro-1,2,2-trifluoroethane 5 U YES 10 U YES Acetone Carbon Disulfide 5 U YES Methyl acetate 5 U YES Methylene chloride 5 U YES 5 U trans-1,2-Dichloroethene YES YES Methyl tert-butyl ether U 5 U YES 1,1-Dichloroethane 5 cis-1,2-Dichloroethene U YES 10 U 2-Butanone YES 5 U YES Bromochloromethane 5 U Chloroform YES 5 1,1,1-Trichloroethane U YES 5 Cyclohexane U YES Carbon tetrachloride 5 UJ YES 5 U YES Benzene 1,2-Dichloroethane 5 U YES 1,4-Dioxane 100 U YES 5 Trichloroethene U YES 5 U YES Methylcyclohexane 1,2-Dichloropropane 5 U YES 5 U YES Bromodichloromethane 5 cis-1,3-Dichloropropene U YES 10 U 4-Methyl-2-pentanone YES 5 U Toluene YES 5 trans-1,3-Dichloropropene U YES 1,1,2-Trichloroethane 5 U YES 5 U Tetrachloroethene YES 2-Hexanone 10 U YES Dibromochloromethane 5 U YES 1,2-Dibromoethane 5 U YES 5 U Chlorobenzene YES 5 Ethylbenzene U YES 5 U YES o-Xylene 5 U m,p-Xylene YES 5 U YES Styrene 5 U YES Bromoform Isopropylbenzene 5 U YES 1,1,2,2-Tetrachloroethane 5 U YES 5 1,3-Dichlorobenzene U YES 1,4-Dichlorobenzene 5 U YES 1,2-Dichlorobenzene 5 U YES 1,2-Dibromo-3-chloropropane 5 U YES 5 U 4-Trichlorobenzene YES 1,2,3-Trichlorobenzene 5 U YES

Date Sampled: 6/22/2010

LAB: A4

VOA Low Medium

Sample No: VHBLK3K SDG No: B0003
pH: Matrix: WATER

%Moisture: Time Sampled: Units: ug/L Dilution Factor: 1

Sample Location: NA

Case No: 40200

Chemical Name Result Value Validation Reportable Dichlorodifluoromethane YES Chloromethane 5 YES IJ Vinyl chloride 5 U YES Bromomethane 5 IJ YES 5 Chloroethane U YES 5 U YES Trichlorofluoromethane 5 U 1-Dichloroethene YES 1,1,2-Trichloro-1,2,2-trifluoroethane 5 U YES 10 U YES Acetone Carbon Disulfide 5 U YES Methyl acetate 5 U YES Methylene chloride 5 U YES 5 U trans-1,2-Dichloroethene YES YES Methyl tert-butyl ether U 5 U YES 1,1-Dichloroethane 5 cis-1,2-Dichloroethene U YES 10 U 2-Butanone YES 5 U YES Bromochloromethane 5 U Chloroform YES 5 1,1,1-Trichloroethane U YES 5 Cyclohexane U YES Carbon tetrachloride 5 UJ YES 5 U YES Benzene 1,2-Dichloroethane 5 U YES 1,4-Dioxane 100 U YES 5 Trichloroethene U YES 5 U YES Methylcyclohexane 1,2-Dichloropropane 5 U YES 5 U YES Bromodichloromethane 5 cis-1,3-Dichloropropene U YES 10 U 4-Methyl-2-pentanone YES 5 U Toluene YES 5 trans-1,3-Dichloropropene U YES 5 U YES 1,1,2-Trichloroethane 5 U Tetrachloroethene YES 2-Hexanone 10 U YES Dibromochloromethane 5 U YES 1,2-Dibromoethane 5 U YES 5 U Chlorobenzene YES 5 Ethylbenzene U YES 5 U YES o-Xylene 5 U m,p-Xylene YES 5 U YES Styrene 5 U YES Bromoform Isopropylbenzene 5 U YES 1,1,2,2-Tetrachloroethane 5 U YES 5 1,3-Dichlorobenzene U YES 1,4-Dichlorobenzene 5 U YES 1,2-Dichlorobenzene 5 U YES 1,2-Dibromo-3-chloropropane 5 U YES 5 U 4-Trichlorobenzene YES 1,2,3-Trichlorobenzene 5 U YES

BNA

Sample No: B0010 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 500
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	2500	U	YES
Phenol	13000		YES
Bis(2-Chloroethyl)ether	2500	U	YES
2-Chlorophenol	2500	U	YES
2-Methylphenol	13000		YES
2,2'-Oxybis(1-chloropropane)	2500	U	YES
Acetophenone	2500	U	YES
4-Methylphenol	4700		YES
N-Nitroso-di-n-propylamine	2500	U	YES
Hexachloroethane	2500	U	YES
Nitrobenzene	2500	U	YES
Isophorone	2500	U	YES
2-Nitrophenol	2500	U	YES
2,4-Dimethylphenol	670	J	YES
Bis (2-chloroethoxy) methane	2500	U	YES
2,4-Dichlorophenol	2500	U	YES
Naphthalene	2500	U	YES
4-Chloroaniline	2500	U	YES
Hexachlorobutadiene	2500	U	YES
Caprolactam	2500	Ū	YES
4-Chloro-3-methylphenol	2500	U	YES
2-Methylnaphthalene	2500	U	YES
Hexachlorocyclopentadiene	2500	U	YES
2,4,6-Trichlorophenol	2500	U	YES
2,4,5-Trichlorophenol	2500	U	YES
1,1'-Biphenyl	2500	U	YES
2-Chloronaphthalene	2500	U	YES
2-Nitroaniline	5000	U	YES
Dimethylphthalate	2500	U	YES
2,6-Dinitrotoluene	2500	U	YES
Acenaphthylene	2500	U	YES
3-Nitroaniline	5000	U	YES
Acenaphthene	2500	U	YES
2,4-Dinitrophenol	5000	U	YES
4-Nitrophenol	5000	U	YES
Dibenzofuran	2500	U	YES
2,4-Dinitrotoluene	2500	U	YES
Diethylphthalate	250	J	YES
Fluorene	2500	U	YES
4-Chlorophenyl-phenylether	2500	U	YES
4-Nitroaniline	5000	U	YES
4,6-Dinitro-2-methylphenol	5000	U	YES
N-Nitrosodiphenylamine	2500	U	YES
1,2,4,5-Tetrachlorobenzene	2500	U	YES
4-Bromophenyl-phenylether	2500	U	YES
Hexachlorobenzene	2500	U	YES
Atrazine	2500	U	YES
Pentachlorophenol	5000	U	YES
Phenanthrene	2500	U	YES
Anthracene	2500	U	YES
Carbazole	2500	Ŭ	YES
Di-n-butylphthalate	2500	U	YES
Fluoranthene	2500	U	YES
Pyrene	2500	U	YES
Butylbenzylphthalate	2500	U	YES
3,3'-Dichlorobenzidine	2500	Ŭ	YES
Benzo(a)anthracene	2500	U	YES
Chrysene	2500	U	YES
Bis(2-ethylhexyl)phthalate	2500	U	YES
Di-n-octylphthalate	2500	U	YES

BNA

Sample No: B0010 SDG No: B0003 Case No: 40200 pH: Watrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 500 Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	2500	Ū	YES
Benzo(k)fluoranthene	2500	U	YES
Benzo(a)pyrene	2500	Ŭ	YES
Indeno(1,2,3-cd)pyrene	2500	U	YES
Dibenzo(a,h)anthracene	2500	U	YES
Benzo(g,h,I)perylene	2500	U	YES
2,3,4,6-Tetrachlorophenol	2500	U	YES
Unknown-01 (3.83)	2900	J	YES
Unknown-02 (3.83)	7300	J	YES
Unknown-03 (3.83)	1200	J	YES
Benzene, bromo-	1600	JN	YES
Benzyl alcohol	23000	JN	YES
Benzenemethanol, .alphame	1100	JN	YES
Phenol, 2,6-dimethyl-	3100	JN	YES
Benzoic acid	17000	JN	YES
Phenol, 2,3,5-trimethyl-	1300	JN	YES
Benzene, 1-chloro-2-nitro-	1900	JN	YES

BNA

Sample No: B0012 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

pH: Matrix: WATER Units: ug/L
LAB: A4 %Moisture: Dilution Factor

LAB: A4 %Moisture: Dilution Factor: 10 Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Benzaldehyde Phenol Bis (2-Chloroethyl) ether 2-Chlorophenol 2-Methylphenol 2,2'-Oxybis (1-chloropropane) Acetophenone 4-Methylphenol N-Nitroso-di-n-propylamine Hexachloroethane Nitrobenzene Isophorone 2-Nitrophenol 2,4-Dimethylphenol Bis (2-chloroethoxy) methane 2,4-Dichlorophenol Naphthalene 4-Chloroaniline Hexachlorobutadiene Caprolactam 4-Chloro-3-methylphenol 2-Methylnaphthalene Hexachlorocyclopentadiene 2,4,5-Trichlorophenol 1,1'-Biphenyl 2-Chloronaphthalene 2-Nitroaniline Dimethylphthalate 2,6-Dinitrotoluene Acenaphthylene 3-Nitrophenol 4-Nitrophenol 4-Nitrophenol 4-Nitrophenol 4-Nitrophenol	50 50 50 50 33 50 17 50 50 50 50 50 50 50 50 50 50	U U U U U U U U U U U U U U U U U U U	YES
Bis (2-Chloroethyl) ether 2-Chlorophenol 2-Methylphenol 2-(2'-Oxybis (1-chloropropane)) Acetophenone 4-Methylphenol N-Nitroso-di-n-propylamine Hexachloroethane Nitrobenzene Isophorone 2-Nitrophenol 2-(2'-Chloroethoxy) methane 2-(3'-Dichlorophenol 3-(3'-Dichlorophenol 4-Chloroaniline Hexachlorobutadiene Caprolactam 4-Chloro-3-methylphenol 2-Methylnaphthalene 4-(3'-(4'-Trichlorophenol 1-(1'-Biphenyl 2-Chloronaphthalene 2-Nitroaniline Dimethylphthalate 2-Nitroaniline Dimethylphthalate 2-(6'-Dinitrotoluene Acenaphthylene 3-Nitroaniline Acenaphthene 2-(4'-Dinitrophenol	50 50 33 50 17 50 50 50 50 50 50 50 50 50 50	U U J U U U U U U U U U U U U U U U U U	YES
R-Chlorophenol R-Methylphenol R-2'-Oxybis (1-chloropropane) Rectophenone R-Methylphenol R-Nitroso-di-n-propylamine Rexachloroethane Ritrobenzene R-Nitrophenol R-Nitrophenol R-Nitrophenol R-Nitrophenol R-Nitrophenol R-Nitrophenol R-Oxichlorophenol R-A-Dichlorophenol R-Chloroaniline R-Chloroaniline R-Chloroaniline R-Chloro-3-methylphenol R-Methylnaphthalene R-A-Trichlorophenol R-A-F-Trichlorophenol R-A-F-Trichlorophenol R-Nitroaniline R-Chloroaniline R-Chloroaphthalene R-Nitroaniline	50 33 50 17 50 50 50 50 50 50 50 50 50 50	U J U U U U U U U U U U U U	YES
-Methylphenol ,2'-Oxybis(1-chloropropane) cetophenone -Methylphenol -Nitroso-di-n-propylamine exachloroethane itrobenzene sophorone -Nitrophenol ,4-Dimethylphenol is(2-chloroethoxy)methane ,4-Dichlorophenol aphthalene -Chloroaniline exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	33 50 17 50 50 50 50 50 50 50 50 50 50	J U J U U U U U U U U U U U U U U U U U	YES
,2'-Oxybis(1-chloropropane) cetophenone -Methylphenol -Nitroso-di-n-propylamine exachloroethane itrobenzene sophorone -Nitrophenol ,4-Dimethylphenol is(2-chloroethoxy)methane ,4-Dichlorophenol aphthalene -Chloroaniline exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	50 17 50 50 50 50 50 50 50 12 50 50 50 14 50 11 50	U U U U U U U U U U U U U	YES
cetophenone -Methylphenol (-Nitroso-di-n-propylamine (exachloroethane (itrobenzene sophorone -Nitrophenol ,4-Dimethylphenol dis(2-chloroethoxy)methane ,4-Dichlorophenol (aphthalene -Chloroaniline (exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene (exachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline dimethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	17 50 50 50 50 50 50 50 12 50 50 50 50 11 50	J U U U U U J U U	YES
-Methylphenol (-Nitroso-di-n-propylamine (exachloroethane (itrobenzene sophorone -Nitrophenol ,4-Dimethylphenol dis(2-chloroethoxy)methane ,4-Dichlorophenol (aphthalene -Chloroaniline (exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene (exachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline dimethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	50 50 50 50 50 50 50 12 50 50 50 50 14 50 11 50	U U U U U U U U U U U U U U U U U U U	YES
I-Nitroso-di-n-propylamine Itexachloroethane Iitrobenzene Sophorone I-Nitrophenol I,4-Dimethylphenol I,4-Dichloroethoxy) methane I,4-Dichlorophenol Iaphthalene I-Chloroaniline Itexachlorobutadiene Iaprolactam I-Chloro-3-methylphenol I-Methylnaphthalene Itexachlorocyclopentadiene Itexachlorophenol I,4,5-Trichlorophenol I,1'-Biphenyl I-Chloronaphthalene I-Nitroaniline Immethylphthalate I,6-Dinitrotoluene Itemaphthene I-Nitroaniline I-Onitrophenol	50 50 50 50 50 12 50 50 50 50 14 50 11	U U U U U J U U	YES YES YES YES YES YES YES YES YES
Rexachloroethane Ritrobenzene Rophorone R-Nitrophenol R-Nitrophenol R-Dimethylphenol Ris (2-chloroethoxy) methane R-Dichlorophenol Raphthalene R-Chloroaniline Rexachlorobutadiene Raprolactam R-Chloro-3-methylphenol R-Methylnaphthalene Rexachlorocyclopentadiene Rexachlorocyclopentadiene Rexachlorophenol R-A-Trichlorophenol R-I'-Biphenyl R-Chloronaphthalene R-Nitroaniline Rimethylphthalate R-Dinitrotoluene R-Nitroaniline	50 50 50 50 12 50 50 50 14 50 11	U U U U J U U	YES YES YES YES YES YES YES
Esophorone E-Nitrophenol E,4-Dimethylphenol Eis (2-chloroethoxy) methane E,4-Dichlorophenol Inphthalene E-Chloroaniline Exachlorobutadiene Eaprolactam E-Chloro-3-methylphenol E-Methylnaphthalene Exachlorocyclopentadiene Exachlorocyclopentadiene Exachlorophenol E,4,5-Trichlorophenol E-Chloronaphthalene E-Nitroaniline E-Nitroaniline E-Nitroaniline Exachlorotluene Exachlorotluene E-Nitroaniline Exachlorotluene E-Nitroaniline Exachlorotluene E-Chloronaphthalene E-Nitroaniline Exachlorotluene E-Chloronaphthalene E-Nitroaniline Exachlorotluene E-Chloronaphthalene E-Nitroaniline Exachlorotluene E-Chloronaphthalene E-Nitroaniline Exachlorotluene E-Chlorotluene E-Chloronaphthalene E-Nitroaniline E-Chlorotluene	50 50 50 12 50 50 50 14 50 11 50	U U U J U U	YES YES YES YES YES YES
sophorone -Nitrophenol ,4-Dimethylphenol dis(2-chloroethoxy)methane ,4-Dichlorophenol daphthalene -Chloroaniline dexachlorobutadiene daprolactam -Chloro-3-methylphenol -Methylnaphthalene dexachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline dimethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline denaphthene ,4-Dinitrophenol	50 50 12 50 50 50 50 14 50 11	U U J U U	YES YES YES YES
-Nitrophenol , 4-Dimethylphenol dis (2-chloroethoxy) methane , 4-Dichlorophenol daphthalene -Chloroaniline dexachlorobutadiene daprolactam -Chloro-3-methylphenol -Methylnaphthalene dexachlorocyclopentadiene , 4,6-Trichlorophenol , 1'-Biphenyl -Chloronaphthalene -Nitroaniline dimethylphthalate , 6-Dinitrotoluene cenaphthylene -Nitroaniline denaphthene , 4-Dinitrophenol	50 12 50 50 50 14 50 11 50	U J U U	YES YES YES
,4-Dimethylphenol dis(2-chloroethoxy)methane ,4-Dichlorophenol daphthalene -Chloroaniline dexachlorobutadiene daprolactam -Chloro-3-methylphenol -Methylnaphthalene dexachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline dimethylphthalate ,6-Dinitrotoluene cenaphthene -Nitroaniline denaphthene -Nitroaniline denaphthene -Nitroaniline denaphthene -Nitroaniline denaphthene ,4-Dinitrophenol	12 50 50 50 14 50 11 50	J U U	YES YES
is (2-chloroethoxy) methane , 4-Dichlorophenol aphthalene -Chloroaniline exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene , 4,6-Trichlorophenol , 1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate , 6-Dinitrotoluene cenaphthene -Nitroaniline cenaphthene , 4-Dinitrophenol	50 50 50 14 50 11 50	บ บ บ	YES
,4-Dichlorophenol aphthalene -Chloroaniline exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthene -Nitroaniline cenaphthene ,4-Dinitrophenol	50 50 14 50 11 50	U	
<pre>Japhthalene Japhthalene Jexachlorobutadiene Japrolactam Japro</pre>	50 14 50 11 50	U	VIDO
-Chloroaniline exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	14 50 11 50		YES
exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,1,5-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	50 11 50	т	YES
exachlorobutadiene aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,1,5-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	50 11 50	U	YES
aprolactam -Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,4,5-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	11 50	U	YES
-Chloro-3-methylphenol -Methylnaphthalene exachlorocyclopentadiene ,4,6-Trichlorophenol ,4,5-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	50	J	YES
-Methylnaphthalene [exachlorocyclopentadiene 2,4,6-Trichlorophenol 3,4,5-Trichlorophenol 4,1'-Biphenyl 5-Chloronaphthalene 5-Nitroaniline 6-Mitrotoluene 6-Dinitrotoluene 6-Cenaphthylene 6-Nitroaniline 6-Nitroaniline 6-Nitroaniline 6-Nitroaniline 6-Nitroaniline 6-Nitroaniline 6-Nitroaniline 6-Nitroaniline 6-Oinitrophenol		U	YES
Rexachlorocyclopentadiene 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 3,1'-Biphenyl 3-Chloronaphthalene 3-Nitroaniline Dimethylphthalate 3,6-Dinitrotoluene Acenaphthylene 3-Nitroaniline Acenaphthene 4,4-Dinitrophenol		U	YES
2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 3,1'-Biphenyl 3-Chloronaphthalene 3-Nitroaniline 3-Mitrotoluene 3-Nitrotoluene 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitrophenol	50	U	YES
,4,5-Trichlorophenol ,1'-Biphenyl -Chloronaphthalene -Nitroaniline -imethylphthalate ,6-Dinitrotoluene -cenaphthylene -Nitroaniline -Cenaphthene -Cenaphthene -(4-Dinitrophenol	50	U	YES
.,1'-BiphenylChloronaphthaleneNitroaniline Dimethylphthalate .,6-Dinitrotoluene .cenaphthyleneNitroaniline .cenaphthene .,4-Dinitrophenol	50	U	YES
-Chloronaphthalene -Nitroaniline Dimethylphthalate .,6-Dinitrotoluene Cenaphthylene -Nitroaniline Cenaphthene .,4-Dinitrophenol	3.5		YES
-Nitroaniline imethylphthalate ,6-Dinitrotoluene cenaphthylene -Nitroaniline cenaphthene ,4-Dinitrophenol	50	U	YES
rimethylphthalate ,6-Dinitrotoluene .cenaphthylene -Nitroaniline .cenaphthene ,4-Dinitrophenol		U U	
cenaphthylene -Nitroaniline cenaphthene -A-Dinitrophenol	100		YES
Acenaphthylene B-Nitroaniline Acenaphthene C,4-Dinitrophenol	50	U	YES
R-Nitroaniline Acenaphthene R,4-Dinitrophenol	50	U	YES
Acenaphthene 2,4-Dinitrophenol	50	U	YES
,4-Dinitrophenol	100	U	YES
	50	U	YES
-Nitrophenol	100	U	YES
	100	U	YES
Dibenzofuran	50	U	YES
2,4-Dinitrotoluene	50	U	YES
Diethylphthalate	35	J	YES
luorene	50	U	YES
-Chlorophenyl-phenylether	50	U	YES
l-Nitroaniline	100	U	YES
,6-Dinitro-2-methylphenol	100	U	YES
I-Nitrosodiphenylamine	50	U	YES
,2,4,5-Tetrachlorobenzene	50	U	YES
-Bromophenyl-phenylether	50	Ū	YES
Mexachlorobenzene	50	Ū	YES
trazine	50	U	YES
rentachlorophenol	100	Ū	YES
henanthrene	50	U	YES
nthracene	50	U	YES
arbazole	50	U	YES
ri-n-butylphthalate	50	U	YES
luoranthene	50	U	YES
dyrene	50	U	YES
-	50	U U	YES
sutylbenzylphthalate ,,3'-Dichlorobenzidine	50	U U	YES
	50		
denzo(a)anthracene		U	YES
hrysene		U	YES
Bis(2-ethylhexyl)phthalate	50 50	U U	YES YES

BNA

Sample No: B0012 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 10
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	50	U	YES
Benzo(k)fluoranthene	50	U	YES
Benzo(a)pyrene	50	U	YES
Indeno(1,2,3-cd)pyrene	50	U	YES
Dibenzo(a,h)anthracene	50	U	YES
Benzo(g,h,I)perylene	50	U	YES
2,3,4,6-Tetrachlorophenol	50	U	YES
Unknown-03 (4.10)	36	J	YES
Unknown-04 (4.10)	37	J	YES
Phenol, 2,6-dimethyl-	240	JN	YES
Unknown-05 (5.48)	38	J	YES
Unknown-06 (5.48)	32	J	YES
4,7-Methano-1H-indenol, hex	56	JN	YES
Unknown-07 (5.48)	25	J	YES
Unknown-08 (5.48)	24	J	YES
Unknown-09 (7.56)	57	J	YES
Unknown-10 (7.56)	20	J	YES
Benzenesulfonamide, 4-methyl-	30	JN	YES
Unknown-11 (9.32)	20	J	YES
Unknown-12 (12.80)	52	J	YES
2-Methyl-1-butene	98	JNB	YES
Unknown-01 (4.10)	22	J	YES
Formamide, N,N-dimethyl-	340	JN	YES
Unknown-02 (4.10)	57	J	YES
Benzene, 1-ethyl-3-methyl-	80	JN	YES

Date Sampled: 6/9/2010

BNA

Sample Location: NA

Case No: 40200 Sample No: B0031 SDG No: B0003 Matrix: WATER Units: ug/L

pH: LAB: A4 Dilution Factor: 1 %Moisture:

Time Sampled:

Chemical Name Result Value Validation Reportable Benzaldehyde YES IJ 7.6 YES Phenol Bis(2-Chloroethyl)ether 5 U YES 5 2-Chlorophenol IJ YES 2-Methylphenol 5.5 J YES 2,2'-Oxybis(1-chloropropane) 5 U YES 2.8 J YES Acetophenone J 1.5 YES 4-Methylphenol 5 U YES N-Nitroso-di-n-propylamine 5 Hexachloroethane U YES 5 Nitrobenzene U YES Isophorone YES 2-Nitrophenol 5 U YES 2,4-Dimethylphenol 5 U YES 5 Bis (2-chloroethoxy) methane U YES 2,4-Dichlorophenol 5 U YES 0.38 Naphthalene YES 4-Chloroaniline 5 U YES <u>Hexachlorobutadiene</u> 5 U YES 5 Caprolactam U YES 4-Chloro-3-methylphenol 8.4 YES 2-Methylnaphthalene 5 U YES Hexachlorocyclopentadiene 5 U YES 2,4,6-Trichlorophenol 5 U YES 5 2,4,5-Trichlorophenol U YES 5 1,1'-Biphenyl U YES 2-Chloronaphthalene 5 IJ YES 2-Nitroaniline 10 U YES 5 U Dimethylphthalate YES 5 U 2,6-Dinitrotoluene YES 5 U Acenaphthylene YES 3-<u>Nitroaniline</u> 10 U YES Acenaphthene 5 U YES 2,4-Dinitrophenol 10 U YES 10 U 4-Nitrophenol YES Dibenzofuran 5 U YES 5 2,4-Dinitrotoluene U YES Diethylphthalate 5 U YES Fluorene 5 U YES 5 U 4-Chlorophenyl-phenylether YES 10 U 4-Nitroaniline YES 4,6-Dinitro-2-methylphenol 10 U YES N-Nitrosodiphenylamine 5 U YES 1,2,4,5-Tetrachlorobenzene 5 U YES 4-Bromophenyl-phenylether 5 U YES Hexachlorobenzene 5 U YES 5 Atrazine U YES Pentachlorophenol 10 U YES Phenanthrene 5 U YES YES 5 U Anthracene 5 U YES Carbazole Di-n-butylphthalate 2.1 J YES 5 Fluoranthene U YES 5 Pyrene U YES 5 Butylbenzylphthalate U YES 5 U YES 3,3'-Dichlorobenzidine 5 U YES Benzo(a)anthracene 5 U YES Chrysene Bis(2-ethylhexyl)phthalate 6.4 YES 5

Di-n-octylphthalate

YES

U

BNA

Sample No: B0031 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/9/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzo(b)fluoranthene	5	U	YES
Benzo(k)fluoranthene	5	U	YES
Benzo(a)pyrene	5	U	YES
Indeno(1,2,3-cd)pyrene	5	U	YES
Dibenzo(a,h)anthracene	5	U	YES
Benzo(g,h,I)perylene	5	U	YES
2,3,4,6-Tetrachlorophenol	5	U	YES
Unknown-01 (4.15)	83	J	YES
Unknown-02 (4.15)	800	JB	YES
Unknown-03 (4.15)	550	J	YES
Unknown-04 (4.15)	62	J	YES
Unknown-05 (4.15)	10	JB	YES
Unknown-06 (4.15)	15	J	YES
Unknown-07 (4.15)	28	J	YES
Benzene, 1,3-dimethyl-	26	JN	YES
Unknown-08 (4.15)	14	J	YES
Unknown-09 (4.15)	9.4	J	YES
Unknown-10 (4.15)	7.5	J	YES
Unknown-11 (4.15)	21	J	YES
Benzyl alcohol	12	JN	YES
Phenol, 2,4-bis(1,1-dimethy	31	JN	YES
Unknown-12 (9.37)	8.4	J	YES
7,9-Di-tert-butyl-1-oxaspir	22	JN	YES
Unknown-13 (12.87)	8.7	J	YES
Total Alkane TICs	110	J	YES

BNA

Sample No: SBLK4M SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/21/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	5	U	YES
Phenol	5	U	YES
Bis(2-Chloroethyl)ether	5	U	YES
2-Chlorophenol	5	U	YES
2-Methylphenol	5	U	YES
2,2'-Oxybis(1-chloropropane)	5	U	YES
Acetophenone	5	U	YES
4-Methylphenol	5	U	YES
N-Nitroso-di-n-propylamine	5	U	YES
Hexachloroethane	5	U	YES
Nitrobenzene	5	U	YES
Isophorone	5	U	YES
2-Nitrophenol		U	YES
2,4-Dimethylphenol	<u>5</u>	U U	YES
	5	U	
Bis (2-chloroethoxy) methane	<u>5</u> 5		YES YES
2,4-Dichlorophenol		U	
Naphthalene	5	U	YES
4-Chloroaniline	5	U	YES
<u>Hexachlorobutadiene</u>	5	U	YES
Caprolactam	5	U	YES
4-Chloro-3-methylphenol	5	U	YES
2-Methylnaphthalene	5	U	YES
<u>Hexachlorocyclopentadiene</u>	5	U	YES
2,4,6-Trichlorophenol	5	U	YES
2,4,5-Trichlorophenol	5	Ŭ	YES
1,1'-Biphenyl	5	Ū	YES
2-Chloronaphthalene	5	U	YES
2-Nitroaniline	10	U	YES
Dimethylphthalate	5	Ŭ	YES
2,6-Dinitrotoluene	5	Ū	YES
Acenaphthylene	5	Ū	YES
3-Nitroaniline	10	U	YES
Acenaphthene	5	U	YES
2,4-Dinitrophenol	10	U	YES
4-Nitrophenol	10	U	YES
Dibenzofuran	5	U	YES
2,4-Dinitrotoluene	5	U	YES
Diethylphthalate	5	U	YES
Fluorene	<u>5</u>	U U	YES
	<u>5</u>	-	
4-Chlorophenyl-phenylether		U	YES
4-Nitroaniline 4,6-Dinitro-2-methylphenol	10	U U	YES
	10		YES
N-Nitrosodiphenylamine	5	U	YES
1,2,4,5-Tetrachlorobenzene	5	U	YES
4-Bromophenyl-phenylether	5	U	YES
<u>Hexachlorobenzene</u>	5	U	YES
Atrazine	5	U	YES
Pentachlorophenol	10	U	YES
Phenanthrene	5	U	YES
Anthracene	5	U	YES
Carbazole	5	U	YES
Di-n-butylphthalate	5	U	YES
Fluoranthene	5	U	YES
Pyrene	5	U	YES
Butylbenzylphthalate	5	U	YES
3,3'-Dichlorobenzidine	5	Ū	YES
Benzo (a) anthracene	5	U	YES
Chrysene	5	U	YES
Bis (2-ethylhexyl) phthalate	5	U	YES
Di-n-octylphthalate	5	U	YES
DI II OCCYIPITORIATACC	<u>_</u>		110

BNA

Sample No: SBLK4M SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/21/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Benzo(b)fluoranthene	5	U	YES
Benzo(k)fluoranthene	5	U	YES
Benzo(a)pyrene	5	U	YES
Indeno(1,2,3-cd)pyrene	5	U	YES
Dibenzo(a,h)anthracene	5	U	YES
Benzo(g,h,I)perylene	5	Ū	YES
2,3,4,6-Tetrachlorophenol	5	U	YES
2-Methyl-1-butene	11	JN	YES
Unknown-01	710	J	YES
Unknown-02	3.3	J	YES
Ethylidenecyclobutane	7	JN	YES

Pesticides

Sample No: B0010 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 500 Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	310	NJ	YES
beta-BHC	25	UJ	YES
delta-BHC	25	UJ	YES
gamma-BHC (Lindane)	25	UJ	YES
Heptachlor	25	UJ	YES
Aldrin	25	UJ	YES
Heptachlor epoxide	25	UJ	YES
Endosulfan I	25	UJ	YES
Dieldrin	50	UJ	YES
4,4'-DDE	50	UJ	YES
Endrin	50	UJ	YES
Endosulfan II	50	UJ	YES
4,4'-DDD	50	R	YES
Endosulfan sulfate	50	UJ	YES
4,4'-DDT	50	UJ	YES
Methoxychlor	250	UJ	YES
Endrin ketone	50	UJ	YES
Endrin aldehyde	50	UJ	YES
alpha-Chlordane	25	UJ	YES
gamma-Chlordane	140	J	YES
Toxaphene	2500	UJ	YES

Pesticides

Sample No: B0012 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	0.05	UJ	YES
beta-BHC	0.05	UJ	YES
delta-BHC	0.05	UJ	YES
gamma-BHC (Lindane)	0.05	UJ	YES
Heptachlor	0.05	UJ	YES
Aldrin	0.05	UJ	YES
Heptachlor epoxide	0.05	UJ	YES
Endosulfan I	0.05	UJ	YES
Dieldrin	0.1	UJ	YES
4,4'-DDE	0.1	UJ	YES
Endrin	0.1	UJ	YES
Endosulfan II	0.1	UJ	YES
4,4'-DDD	0.1	R	YES
Endosulfan sulfate	0.1	UJ	YES
4,4'-DDT	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
Endrin ketone	0.1	UJ	YES
Endrin aldehyde	0.1	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.05	UJ	YES
Toxaphene	5	UJ	YES

Pesticides

Sample No: B0031 SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/9/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	0.05	UJ	YES
beta-BHC	0.05	UJ	YES
delta-BHC	0.05	UJ	YES
gamma-BHC (Lindane)	0.05	UJ	YES
Heptachlor	0.05	UJ	YES
Aldrin	0.05	UJ	YES
Heptachlor epoxide	0.05	UJ	YES
Endosulfan I	0.05	UJ	YES
Dieldrin	0.1	UJ	YES
4,4'-DDE	0.1	UJ	YES
Endrin	0.1	UJ	YES
Endosulfan II	0.1	UJ	YES
4,4'-DDD	0.1	R	YES
Endosulfan sulfate	0.1	UJ	YES
4,4'-DDT	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
Endrin ketone	0.1	UJ	YES
Endrin aldehyde	0.1	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.05	UJ	YES
Toxaphene	5	UJ	YES

Pesticides

Sample No: PBLKQK SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/21/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	0.05	UJ	YES
beta-BHC	0.05	UJ	YES
delta-BHC	0.05	UJ	YES
gamma-BHC (Lindane)	0.05	UJ	YES
Heptachlor	0.05	UJ	YES
Aldrin	0.05	UJ	YES
Heptachlor epoxide	0.05	UJ	YES
Endosulfan I	0.05	UJ	YES
Dieldrin	0.1	UJ	YES
4,4'-DDE	0.1	UJ	YES
Endrin	0.1	UJ	YES
Endosulfan II	0.1	UJ	YES
4,4'-DDD	0.1	R	YES
Endosulfan sulfate	0.1	UJ	YES
4,4'-DDT	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
Endrin ketone	0.1	UJ	YES
Endrin aldehyde	0.1	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.05	UJ	YES
Toxaphene	5	UJ	YES

Pesticides

Sample No: PLCSQK SDG No: B0003 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/21/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	0.05	UJ	YES
beta-BHC	0.05	UJ	YES
delta-BHC	0.05	UJ	YES
gamma-BHC (Lindane)	0.037	J	YES
Heptachlor	0.05	UJ	YES
Aldrin	0.05	UJ	YES
Heptachlor epoxide	0.049	J	YES
Endosulfan I	0.05	UJ	YES
Dieldrin	0.1	J	YES
4,4'-DDE	0.077	J	YES
Endrin	0.11	J	YES
Endosulfan II	0.1	UJ	YES
4,4'-DDD	0.1	R	YES
Endosulfan sulfate	0.089	J	YES
4,4'-DDT	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
Endrin ketone	0.1	UJ	YES
Endrin aldehyde	0.1	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.062	J	YES
Toxaphene	5	UJ	YES

Aroclor

Sample No: B0010SDG No: B0003Case No: 40200pH:Matrix: WATERUnits: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1	U	YES
Aroclor-1221	1	U	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	1	U	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

Aroclor

Sample No: B0012SDG No: B0003Case No: 40200pH:Matrix: WATERUnits: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1	U	YES
Aroclor-1221	1	U	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	1	U	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

Aroclor

Sample No: B0031 SDG No: B0003 Case No: 40200 PH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/9/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1	U	YES
Aroclor-1221	1	U	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	1	U	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

VOA Low_Medium

Sample No: B0003DL SDG No: B0003 Case No: 40200 pH: 2 Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 5
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	25	U	N
Chloromethane	25	U	N
Vinyl chloride	25	U	N
Bromomethane	25	U	N
Chloroethane	25	U	N
Trichlorofluoromethane	25	U	N
1,1-Dichloroethene	25	U	N
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	N
Acetone	240		N
Carbon Disulfide	25	U	N
Methyl acetate	25	U	N
Methylene chloride	200		N
trans-1,2-Dichloroethene	25	U	N
Methyl tert-butyl ether	25	U	N
1,1-Dichloroethane	97		N
cis-1,2-Dichloroethene	25	Ū	N
2-Butanone	230	<u> </u>	N
Bromochloromethane	25	U	N
	25		
Chloroform		U	N
1,1,1-Trichloroethane	150		N
Cyclohexane	25	<u>U</u>	N
Carbon tetrachloride	25	J	N
Benzene	20	J	N
1,2-Dichloroethane	25	U	N
1,4-Dioxane	500	U	N
Trichloroethene	15	J	N
Methylcyclohexane	25	U	N
1,2-Dichloropropane	25	U	N
Bromodichloromethane	25	U	N
cis-1,3-Dichloropropene	25	U	N
4-Methyl-2-pentanone	50	U	N
Toluene	370		N
trans-1,3-Dichloropropene	25	U	N
1,1,2-Trichloroethane	25	U	N
Tetrachloroethene	5.8	J	N
2-Hexanone	50	U	N
Dibromochloromethane	25	U	N
1,2-Dibromoethane	25	U	N
Chlorobenzene	25	U	N
Ethylbenzene	330		N
o-Xylene	54		N
m,p-Xylene	86		N
Styrene	27		N
Bromoform	25	Ŭ	N
Isopropylbenzene	10		N
	25	U U	N N
1,1,2,2-Tetrachloroethane	25 25	n O	N
1,3-Dichlorobenzene			
1,4-Dichlorobenzene	25	U	N
1,2-Dichlorobenzene	25	U	N
1,2-Dibromo-3-chloropropane	25	U	N
1,2,4-Trichlorobenzene	36		N
1,2,3-Trichlorobenzene	10	J	N
Benzene, propyl-	40	JDN	N
Benzene, 1-ethyl-2-methyl- (01)	210	JDN	N
Benzene, 1,2,3-trimethyl- (01)	120	JDN	N
Benzene, 1-ethyl-2-methyl- (02)	79	JDN	N
Benzene, 1,2,3-trimethyl- (02)	210	JDN	N
Benzene, 1,2,3-trimethyl- (03)	62	JDN	N
Benzene, 1-methyl-2-(1-meth	42	JDN	N
Unknown-01 (12.87)	29	JD	N

Date Sampled: 6/8/2010

VOA Low_Medium

Sample No: B0003DLSDG No: B0003Case No: 40200pH: 4.9Matrix: WATERUnits: ug/LLAB: A4%Moisture:Dilution Factor: 5

Time Sampled:

Chemical Name Result Value Validation Reportable 30 Naphthalene, 1,2,3,4-tetrah... JDN Ν Diisopropyl Ether 600 JDN Ν 89 Propane, 1-bromo-2-methyl-JDN Ν

Sample Location: NA

VOA Low_Medium

 Sample No: B0004
 SDG No: B0003
 Case No: 40200

 pH: 4.9
 Matrix: WATER
 Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	5	U	YES
Chloromethane	5	Ū	YES
Vinyl chloride	5	Ū	YES
Bromomethane	5	U	YES
Chloroethane	5	Ū	YES
Trichlorofluoromethane	5	U	YES
1,1-Dichloroethene	5	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	5	U	YES
Acetone	8.7	J	YES
Carbon Disulfide	5	U	YES
Methyl acetate	5	U	YES
Methylene chloride	13		YES
trans-1,2-Dichloroethene	5	U	YES
Methyl tert-butyl ether	5	U	YES
1,1-Dichloroethane	5	U	YES
cis-1,2-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Bromochloromethane	5	U	YES
Chloroform	5	U	YES
1,1,1-Trichloroethane	5.5		YES
Cyclohexane	5	U	YES
Carbon tetrachloride	5	U	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
1,4-Dioxane	100	U	YES
Trichloroethene	5	U	YES
Methylcyclohexane	5	U	YES
1,2-Dichloropropane	5	U	YES
Bromodichloromethane	5	U	YES
cis-1,3-Dichloropropene	5	U	YES
4-Methyl-2-pentanone	10	U	YES
Toluene	1.6	J	YES
trans-1,3-Dichloropropene	5	U	YES
1,1,2-Trichloroethane	5	U	YES
<u>Tetrachloroethene</u>	5	U	YES
2-Hexanone	10	U	YES
Dibromochloromethane	5	U	YES
1,2-Dibromoethane	5	U	YES
Chlorobenzene	5	U	YES
Ethylbenzene	5	U	YES
<u>o-Xylene</u>	5	U	YES
m,p-Xylene	0.86	J	YES
Styrene	5	U	YES
Bromoform	5	U	YES
Isopropylbenzene	5	U	YES
1,1,2,2-Tetrachloroethane	5	U	YES
1,3-Dichlorobenzene	5	U	YES
1,4-Dichlorobenzene	0.58	J	YES
1,2-Dichlorobenzene	5	U	YES
1,2-Dibromo-3-chloropropane	5	U	YES
1,2,4-Trichlorobenzene	1.2	J	YES
1,2,3-Trichlorobenzene	5	U	YES

VOA Low_Medium

 Sample No: B0010
 SDG No: B0003
 Case No: 40200

 pH: 4.9
 Matrix: WATER
 Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	5	U	YES
Chloromethane	5	U	YES
Vinyl chloride	5	U	YES
Bromomethane	5	U	YES
Chloroethane	5	Ū	YES

BNA

 Sample No: B0003
 SDG No: B0003
 Case No: 40200

 pH: 4.9
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Dibenzo(a,h)anthracene	100	U	YES
Benzo(g,h,I)perylene	100	U	YES
2,3,4,6-Tetrachlorophenol	100	U	YES
2-Methyl-1-butene	210	JNB	YES
Unknown-01 (4.10)	57	J	YES
Formamide, N,N-dimethyl-	440	JN	YES
Unknown-02 (4.10)	78	J	YES
Unknown-03 (4.10)	80	J	YES
Benzene, 1-ethyl-2-methyl-	120	JN	YES
Unknown-04 (4.10)	63	J	YES
Unknown-05 (5.48)	150	J	YES
Quinoline	82	JN	YES
Unknown-06 (5.48)	57	J	YES
Unknown-07 (5.48)	40	J	YES
Unknown-08 (7.56)	67	J	YES
Unknown-09 (9.32)	52	J	YES
Benzenesulfonamide, 4-methyl-	42	JN	YES
8-Hydroxyquinoline	69	JN	YES

BNA

Sample No: B0004 SDG No: B0003 Case No: 40200 pH: 4.1 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	5	U	YES
Phenol	5	U	YES
Bis(2-Chloroethyl)ether	5	U	YES
2-Chlorophenol	5	U	YES
2-Methylphenol	5	U	YES
2,2'-Oxybis(1-chloropropane)	5	U	YES
Acetophenone	5	U	YES
4-Methylphenol	5	U	YES
N-Nitroso-di-n-propylamine	5	U	YES
Hexachloroethane	5	U	YES
Nitrobenzene	5	U	YES
Isophorone	5	U	YES
2-Nitrophenol	5	U	YES
2,4-Dimethylphenol	5	U	YES
Bis (2-chloroethoxy) methane	5	U	YES
2,4-Dichlorophenol	5	U	YES
Naphthalene	5	U	YES
4-Chloroaniline	5	U	YES
Hexachlorobutadiene	5	U	YES
Caprolactam	5	U	YES
4-Chloro-3-methylphenol	5	U	YES
2-Methylnaphthalene	5	U	YES
Hexachlorocyclopentadiene	5	U	YES
2,4,6-Trichlorophenol	5	U	YES
2,4,5-Trichlorophenol	5	Ü	YES
1,1'-Biphenyl	5	U	YES
2-Chloronaphthalene	5	U	YES
2-Nitroaniline	10	U	YES
Dimethylphthalate	5	U	YES
2,6-Dinitrotoluene	5	U	YES
Acenaphthylene	<u>5</u>	U U	YES
3-Nitroaniline	10	U	YES
Acenaphthene	5	n O	YES
*	10	U U	
2,4-Dinitrophenol	10	n 	YES
4-Nitrophenol Dibenzofuran	5	U U	YES YES
		n O	YES
2,4-Dinitrotoluene	<u>5</u> 5		
Diethylphthalate		U	YES
Fluorene	5	U	YES
4-Chlorophenyl-phenylether	5	U	YES
4-Nitroaniline	10	U	YES
4,6-Dinitro-2-methylphenol	10	U	YES
N-Nitrosodiphenylamine	5	Ū	YES
1,2,4,5-Tetrachlorobenzene	5	U	YES
4-Bromophenyl-phenylether	5	U	YES
Hexachlorobenzene	5	U	YES
Atrazine	5	Ŭ	YES
Pentachlorophenol	10	U	YES
<u>Phenanthrene</u>	5	U	YES
Anthracene	5	U	YES
Carbazole	5	U	YES
Di-n-butylphthalate	0.55	J	YES
Fluoranthene	5	U	YES
Pyrene	5	U	YES
Butylbenzylphthalate	5	U	YES
3,3'-Dichlorobenzidine	5	U	YES
Benzo(a)anthracene	5	U	YES
Chrysene	5	U	YES
Bis(2-ethylhexyl)phthalate	2.1	J	YES
Di-n-octylphthalate	5	U	YES

BNA

Sample No: B0004 SDG No: B0003 Case No: 40200 pH: 4 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	5	Ū	YES
Benzo(k) fluoranthene	5	Ū	YES
Benzo(a)pyrene	5	Ŭ	YES
Indeno(1,2,3-cd)pyrene	5	U	YES
Dibenzo (a, h) anthracene	5	U	YES
Benzo(g,h,I)perylene	5	U	YES
2,3,4,6-Tetrachlorophenol	5	U	YES
Unknown-01 (4.15)	520	JB	YES
Oxirane, trimethyl-	55	JN	YES
Unknown-02 (4.15)	33	J	YES
Unknown-03 (4.15)	5.2	J	YES
Unknown-04 (4.15)	3.6	JB	YES
Unknown-05 (4.15)	2.2	J	YES
Unknown-06 (4.15)	2.1	J	YES
p-Xylene (01)	10	JN	YES
p-Xylene (02)	4.1	JN	YES
Unknown-07 (4.15)	4.7	J	YES
Benzene, 1,3,5-trichloro-	5.8	JN	YES
Unknown-08 (5.52)	24	J	YES
Unknown-09 (7.60)	3	J	YES
Unknown-10 (7.60)	3	J	YES
Stannane, tributylchloro-	210	JN	YES

Pesticides

Sample No: B0003 SDG No: B0003 Case No: 40200 PH: 4.9 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	0.05	UJ	YES
beta-BHC	0.05	UJ	YES
delta-BHC	0.05	UJ	YES
gamma-BHC (Lindane)	0.05	UJ	YES
Heptachlor	0.05	UJ	YES
Aldrin	0.05	UJ	YES
Heptachlor epoxide	0.05	UJ	YES
Endosulfan I	0.05	UJ	YES
Dieldrin	0.1	UJ	YES
4,4'-DDE	0.1	UJ	YES
Endrin	0.1	UJ	YES
Endosulfan II	0.1	UJ	YES
4,4'-DDD	0.1	R	YES
Endosulfan sulfate	0.1	UJ	YES
4,4'-DDT	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
Endrin ketone	0.1	UJ	YES
Endrin aldehyde	0.1	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.05	UJ	YES
Toxaphene	5	UJ	YES

Pesticides

 Sample No: B0004
 SDG No: B0003
 Case No: 40200

 pH: 4.9
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	0.05	UJ	YES
beta-BHC	0.05	UJ	YES
delta-BHC	0.05	UJ	YES
gamma-BHC (Lindane)	0.05	UJ	YES
Heptachlor	0.05	UJ	YES
Aldrin	0.05	UJ	YES
Heptachlor epoxide	0.05	UJ	YES
Endosulfan I	0.05	UJ	YES
Dieldrin	0.1	UJ	YES
4,4'-DDE	0.1	UJ	YES
Endrin	0.1	UJ	YES
Endosulfan II	0.1	UJ	YES
4,4'-DDD	0.1	R	YES
Endosulfan sulfate	0.1	UJ	YES
4,4'-DDT	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
Endrin ketone	0.1	UJ	YES
Endrin aldehyde	0.1	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.05	UJ	YES
Toxaphene	5	UJ	YES

Aroclor

 Sample No: B0003
 SDG No: B0003
 Case No: 40200

 pH: 4.9
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1	U	YES
Aroclor-1221	1	U	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	1	U	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

Aroclor

 Sample No: B0004
 SDG No: B0003
 Case No: 40200

 pH: 4.9
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1	U	YES
Aroclor-1221	1	Ū	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	1	U	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

VOA Low_Medium

Sample No: B0003 SDG No: B0003 Case No: 40200 pH: 4.9 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	10	U	YES
Chloromethane	10	U	YES
Vinyl chloride	10	U	YES
Bromomethane	10	U	YES
Chloroethane	10	U	YES
Trichlorofluoromethane	10	U	YES
1,1-Dichloroethene	6.7	J	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	YES
Acetone	350		YES
Carbon Disulfide	10	U	YES
Methyl acetate	13		YES
Methylene chloride	240		YES
trans-1,2-Dichloroethene	10	U	YES
Methyl tert-butyl ether	10	U	YES
1,1-Dichloroethane	150		YES
cis-1,2-Dichloroethene	10	U	YES
2-Butanone	370		YES
Bromochloromethane	10	U	YES
Chloroform	10		YES
1,1,1-Trichloroethane	190		YES
Cyclohexane	10	U	YES
Carbon tetrachloride	33	J	YES
Benzene	24	<u> </u>	YES
1,2-Dichloroethane	10	U	YES
1,4-Dioxane	200	U	YES
Trichloroethene	19		YES
	10	U	YES
Methylcyclohexane 1,2-Dichloropropane	10	n O	YES
Bromodichloromethane	10	U	
	10	U	YES
cis-1,3-Dichloropropene		U	YES
4-Methyl-2-pentanone			YES
Toluene	370 10	TT	YES YES
trans-1,3-Dichloropropene		U	
1,1,2-Trichloroethane	10	U -	YES
Tetrachloroethene	7.6	J	YES
2-Hexanone	20	U	YES
Dibromochloromethane	10	U 	YES
1,2-Dibromoethane	10	U	YES
Chlorobenzene	2.8	J	YES
Ethylbenzene	390		YES
o-Xylene	74		YES
m,p-Xylene	110		YES
Styrene	40		YES
Bromoform	10	U	YES
Isopropylbenzene	15		YES
1,1,2,2-Tetrachloroethane	10	U	YES
1,3-Dichlorobenzene	10	U	YES
1,4-Dichlorobenzene	4.2	J	YES
1,2-Dichlorobenzene	23		YES
1,2-Dibromo-3-chloropropane	10	U	YES
1,2,4-Trichlorobenzene	55		YES
1,2,3-Trichlorobenzene	14		YES
Diisopropyl Ether	790	JN	YES
Propane, 1-bromo-2-methyl-	130	JN	YES
Benzene, propyl-	55	JN	YES
Benzene, 1-ethyl-3-methyl-	250	JN	YES
Benzene, 1,2,3-trimethyl- (01)	150	JN	YES
Benzene, 1-ethyl-2-methyl-	100	JN	YES
Benzene, 1,2,3-trimethyl- (02)	260	JN	YES
Benzene, 1,2,3-trimethyl- (03)	85	JN	YES
	- -	- - -	-

VOA Low_Medium

 Sample No: B0003
 SDG No: B0003
 Case No: 40200

 pH: 4.6
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Benzene, 1,3-diethyl-	25	JN	YES
Benzene, 1-ethyl-2,4-dimethyl-	62	JN	YES
Benzene, 1,2,4,5-tetramethyl- (01)	36	JN	YES
Benzene, 1,2,4,5-tetramethyl- (02)	50	JN	YES
Naphthalene, 1,2,3,4-tetrah	45	JN	YES

BNA

 Sample No: B0003
 SDG No: B0003
 Case No: 40200

 pH: 4.5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	100	U	YES
Phenol	500		YES
Bis (2-Chloroethyl) ether	100	U	YES
2-Chlorophenol	100	U	YES
2-Methylphenol	1100		YES
2,2'-Oxybis(1-chloropropane)	100	U	YES
Acetophenone	61	J	YES
4-Methylphenol	90	J	YES
N-Nitroso-di-n-propylamine	100	U	YES
Hexachloroethane	100	U	YES
Nitrobenzene	64	J	YES
Isophorone	100	U	YES
2-Nitrophenol	100	U	YES
2,4-Dimethylphenol	64	J	YES
Bis (2-chloroethoxy) methane	100	U	YES
2,4-Dichlorophenol	100	U	YES
Naphthalene	100	Ū	YES
4-Chloroaniline	24	J	YES
Hexachlorobutadiene	100	Ŭ	YES
Caprolactam	100	U	YES
4-Chloro-3-methylphenol	100	U	YES
2-Methylnaphthalene	100	U	YES
Hexachlorocyclopentadiene	100	U	YES
2,4,6-Trichlorophenol	100	U	YES
2,4,5-Trichlorophenol	100	U	YES
1,1'-Biphenyl	100	U	YES
2-Chloronaphthalene	100	U	YES
2-Nitroaniline	200	U	YES
Dimethylphthalate	100	U	YES
2,6-Dinitrotoluene	100	Ü	YES
Acenaphthylene	100	U	YES
3-Nitroaniline	200	U	YES
Acenaphthene	100	Ü	YES
2,4-Dinitrophenol	200	U	YES
4-Nitrophenol	200	Ü	YES
Dibenzofuran	100	U	YES
2,4-Dinitrotoluene	100	Ü	YES
Diethylphthalate	41		YES
Fluorene	100	U	YES
4-Chlorophenyl-phenylether	100	U U	YES
4-Nitroaniline	200	U	YES
4,6-Dinitro-2-methylphenol	200	U	YES
N-Nitrosodiphenylamine	100	Ŭ	YES
1,2,4,5-Tetrachlorobenzene	100	U	YES
4-Bromophenyl-phenylether	100	U	YES
Hexachlorobenzene	100	U	YES
Atrazine	100	U	YES
Pentachlorophenol	200	U	YES
Phenanthrene	100	U	YES
Anthracene	100	U	YES
Carbazole	100	U	YES
Di-n-butylphthalate	100	U	YES
Fluoranthene	100	U	YES
	100	U	YES
Pyrene Putulbongulphthalato			
Butylbenzylphthalate 3 31-Dichlorobenzidine	100 100	U U	YES YES
3,3'-Dichlorobenzidine	100	U	YES
Benzo (a) anthracene	100	<u>U</u>	
Chrysene Rig (2 othyrlhogy) phtholoto	100		YES
Bis (2-ethylhexyl) phthalate		U	YES
<u>Di-n-octylphthalate</u>	100	Ū	YES

BNA

Sample No: B0003 SDG No: B0003 Case No: 40200 PH: 5.2 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Benzo(b)fluoranthene	100	U	YES
Benzo(k)fluoranthene	100	U	YES
Benzo(a)pyrene	100	U	YES
Indeno(1,2,3-cd)pyrene	100	U	YES

Aroclor

Sample No: ABLKQLSDG No: B0003Case No: 40200pH: 4.9Matrix: WATERUnits: ug/L

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1	U	YES
Aroclor-1221	1	U	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	1	U	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

Aroclor

Sample No: ALCSQLSDG No: B0003Case No: 40200pH: 4.9Matrix: WATERUnits: ug/L

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	1		YES
Aroclor-1221	1	U	YES
Aroclor-1232	1	U	YES
Aroclor-1242	1	U	YES
Aroclor-1248	1	U	YES
Aroclor-1254	1	U	YES
Aroclor-1260	0.94	J	YES
Aroclor-1262	1	U	YES
Aroclor-1268	1	U	YES

VOA Low_Medium

 Sample No: B0009DL
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
1,1-Dichloroethene	25000	U	N
1,1,2-Trichloro-1,2,2-trifluoroethane	25000	U	N
Acetone	50000	U	N
Carbon Disulfide	25000	U	N
Methyl acetate	25000	U	N
Methylene chloride	25000	U	N
trans-1,2-Dichloroethene	25000	U	N
Methyl tert-butyl ether	25000	U	N
1,1-Dichloroethane	25000	U	N
cis-1,2-Dichloroethene	25000	U	N
2-Butanone	50000	U	N
Bromochloromethane	25000	U	N
Chloroform	25000	U	N
1,1,1-Trichloroethane	25000	U	N
Cyclohexane	25000	U	N
Carbon tetrachloride	25000	U	N
Benzene	25000	U	N
1,2-Dichloroethane	25000	U	N
1,4-Dioxane	500000	U	N
Trichloroethene	25000	U	N
Methylcyclohexane	46000		N
1,2-Dichloropropane	25000	U	N
Bromodichloromethane	25000	U	N
cis-1,3-Dichloropropene	25000	U	N
4-Methyl-2-pentanone	50000	U	N
Toluene	25000	U	N
trans-1,3-Dichloropropene	25000	U	N
1,1,2-Trichloroethane	25000	U	N
<u>Tetrachloroethene</u>	25000	U	N
2-Hexanone	50000	U	N
Dibromochloromethane	25000	U	N
1,2-Dibromoethane	25000	U	N
Chlorobenzene	25000	U	N
Ethylbenzene	25000	U	N
o-Xylene	25000	U	N
m,p-Xylene	25000	U	N
Styrene	25000	U	N
Bromoform	25000	U	N
Isopropylbenzene	25000	U	N
1,1,2,2-Tetrachloroethane	25000	U	N
1,3-Dichlorobenzene	25000	U	N
1,4-Dichlorobenzene	25000	U	N
1,2-Dichlorobenzene	25000	U	N
1,2-Dibromo-3-chloropropane	25000	U	N
1,2,4-Trichlorobenzene	380000		N
1,2,3-Trichlorobenzene	130000		N

VOA Low_Medium

 Sample No: B0013
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	U	YES
Chloromethane	250	U	YES
Vinyl chloride	250	U	YES
Bromomethane	250	U	YES
Chloroethane	250	U	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	150	J	YES
Acetone	250	J	YES
Carbon Disulfide	250	U	YES
Methyl acetate	250	U	YES
Methylene chloride	540		YES
trans-1,2-Dichloroethene	250	U	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	500	U	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	UJ	YES
Benzene	240	J	YES
1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U	YES
Trichloroethene	250	U	YES
Methylcyclohexane	250	U	YES
1,2-Dichloropropane	250	U	YES
Bromodichloromethane	250	U	YES
cis-1,3-Dichloropropene	250	<u>U</u>	YES
4-Methyl-2-pentanone	500	U	YES
Toluene	3100		YES
trans-1,3-Dichloropropene	250	U 	YES
1,1,2-Trichloroethane	250	U -	YES
Tetrachloroethene	110	J	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250 100	<u>U</u> Ј	YES
<u>Chlorobenzene</u> Ethylbenzene	3900	U	YES YES
o-Xylene	1600		YES
m,p-Xylene	2000		YES
Styrene	860		YES
Bromoform	250	U	YES
Isopropylbenzene	900	U	YES
1,1,2,2-Tetrachloroethane	380		YES
1,3-Dichlorobenzene	150	J	YES
1,4-Dichlorobenzene	620	<u> </u>	YES
1,2-Dichlorobenzene	310		YES
1,2-Dibromo-3-chloropropane	250	Ŭ	YES
1,2,4-Trichlorobenzene	820	<u> </u>	YES
1,2,3-Trichlorobenzene	260		YES
Naphthalene, 1,2,3,4-tetrah (02)	1000	JN	YES
Benzene, propyl-	2700	JN	YES
Benzene, 1-ethyl-3-methyl-	10000	JN	YES
Benzene, 1,3,5-trimethyl-	6600	JN	YES
Benzene, 1-ethyl-2-methyl-	3600	JN	YES
Benzene, 1,2,3-trimethyl- (01)	11000	JN	YES
Benzene, 1,2,3-trimethyl- (02)	3300	JN	YES
Benzene, 1,3-diethyl-	940	JN	YES
		-	-

VOA Low_Medium

 Sample No: B0013
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzene, 2-ethyl-1,3-dimethyl-	990	JN	YES
Benzene, 1-methyl-2-(1-meth	2900	JN	YES
Benzene, 1,2,4,5-tetramethyl- (01)	1500	JN	YES
Benzene, 1,2,4,5-tetramethyl- (02)	1800	JN	YES
Naphthalene, 1,2,3,4-tetrah (01)	1200	JN	YES
Naphthalene, 1-methyl-	1500	JN	YES
Total Alkane TICs	16000	J	YES

VOA Low_Medium

Sample No: B0014 SDG No: B0005 PH: 2 Matrix: SOIL

LAB: A4 %Moisture: 0
Date Sampled: 6/8/2010 Time Sampled:

Case No: 40200 Units: ug/kg

Dilution Factor: 1
Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	UJ	YES
Chloromethane	250	UJ	YES
Vinyl chloride	250	U	YES
Bromomethane	250	UJ	YES
Chloroethane	250	UJ	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	Ū	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	3700		YES
Acetone	220	J	YES
Carbon Disulfide	250	UJ	YES
Methyl acetate	250	Ū	YES
Methylene chloride	560		YES
trans-1,2-Dichloroethene	250	U	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	230	J	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	230		YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	UJ	YES
Benzene	430	00	YES
1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U	YES
Trichloroethene	60		YES
Methylcyclohexane	120		YES
1,2-Dichloropropane	250	U U	YES
Bromodichloromethane	250	U U	YES
	250		YES
cis-1,3-Dichloropropene 4-Methyl-2-pentanone	500	U U	YES
	8300	U	
Toluene		TT	YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	350		YES
Tetrachloroethene	2100		YES
2-Hexanone	2200		YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	300		YES
Ethylbenzene	16000		YES
o-Xylene	6100		YES
m,p-Xylene	7500		YES
Styrene	2800		YES
Bromoform	250	U	YES
Isopropylbenzene	3800		YES
1,1,2,2-Tetrachloroethane	2300		YES
1,3-Dichlorobenzene	560		YES
1,4-Dichlorobenzene	2600		YES
1,2-Dichlorobenzene	1300		YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	4100		YES
1,2,3-Trichlorobenzene	1400		YES
cis-1-Ethyl-3-methyl-cycloh	6500	JN	YES
Unknown-01 (9.33)	3000	J	YES
Benzene, propyl-	6000	JN	YES
Benzene, 1-ethyl-3-methyl-	21000	JN	YES
Benzene, 1,2,3-trimethyl- (01)	15000	JN	YES
Benzene, 1-ethyl-2-methyl-	8300	JN	YES
Benzene, 1,3,5-trimethyl-	22000	JN	YES
Benzene, 1,2,3-trimethyl- (02)	7500	JN	YES

VOA Low_Medium

 Sample No: B0014
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzene, 2-ethyl-1,4-dimethyl-	1900	JN	YES
Benzene, 1-ethyl-2,4-dimethyl-	2400	JN	YES
Benzene, 1-methyl-2-(1-meth	7000	JN	YES
Unknown-02 (12.88)	2300	J	YES
Benzene, 1,2,4,5-tetramethyl-	3400	JN	YES
Unknown-03 (12.88)	4300	J	YES
Naphthalene, 1,2,3,4-tetrah (01)	3100	JN	YES
Naphthalene, 1,2,3,4-tetrah (02)	2400	JN	YES
Naphthalene, 1-methyl-	4000	JN	YES
Total Alkane TICs	47000	J	YES

VOA Low_Medium

 Sample No: B0014DL
 SDG No: B0005
 Case No: 40200

 pH: 5.2
 Matrix: SOIL
 Units: ug/kg

Common C	Chemical Name	Result Value	Validation	Reportable
Chloromethame				•
Viny chloride				
Rotensethane				
Chlorosthane				
Trichicorfluorcenthans			-	
1,1-2-Tichlorosthene				
1,1,2-Trichloro-1,2,2-trifiluoroethane 3900 N N Carbon Disulfide 1000 U N Methylacetate 1000 U N Methylacetholoroethane 1200 N Methylacetholoroethane 1200 U N Methylacetholoroethane 1000 U N Methyla				
Accession			0	
Carbon Disulfide			TT	
Mathyl acetate			-	
Mathyl cart-butyl ether				
Trans-1/2-Dichloroethene				
Mathyl tert-butyl ether			TT	
1-1-bichloroethane				
Signature 1000			-	
2-Butanone				
Bromochloromethane	·			
Chloroform				
1,1-Trichloroethane			-	
Cyclobexane 1000 U N Carbon tetrachloride 1000 U N Benzene 1000 U N 1,2-Dichloroethane 1000 U N 1,2-Dichlorosethane 20000 U N Methylcycloexane 1000 U N 1,2-Dichlorogropane 1000 U N Bromodichloromethane 1000 U N Storic J. 3-Dichloropropene 1000 U N 4-Methyl-2-pentanone 2000 U N 70iuene 9100 U N 70iuene 9100 U N 71,12-Trichloroethane 1000 U N 71,12-Trichloroethane 1000 U N 2-Hexanone 2600 N N 2-Hexanone 2000 U N 12-Pibromoethane 1000 U N 12-Pibromoethane 1000 U N			-	
Carbon tetrachloride				
Benzene				
1,2-Dichloroethane				
A-Dioxane				
Trichloroethene				
Nethylcyclohexane				
1,2-Dichloropropane				
Bromodichloromethane				
cis-1,3-Dichloropropene 1000 U N 4-Methyl-2-pentanone 2000 U N Toluene 9100 N N trans-1,3-Dichloropropene 1000 U N 1,2-Trichloroethane 1000 U N Tetrachloroethene 2600 N N 2-Hexanone 2000 U N 1,2-Dibromoethane 1000 U N Chlorobenzene 330 J N N Ethylbenzene 16000 N N N N Styrene 7300 N N N N Styrene 3200 N N N N Isopropylbenzene 5100 N N <td< td=""><td></td><td></td><td>-</td><td></td></td<>			-	
4-Methyl-2-pentanone 2000 U N Toluene 9100 N N trans-1, 3-Dichloropropene 1000 U N 1,1,2-Trichloroethane 1000 U N Z-Hexanone 2600 N N 2-Hexanone 2000 U N Dibromochloromethane 1000 U N 1,2-Dibromochlane 1000 U N 1,2-Dibromochlane 1000 U N 1,2-Dibromochlane 16000 U N Chlorobenzene 16000 N N Ethylbenzene 16000 N N m,p-Xylene 9300 N N m,p-Xylene 9300 N N styrene 9300 N N styrene 3200 N N styrene 3200 N N styrene 3200 N N styrene 3100			-	
Toluene	<u> </u>			
trans-1,3-Dichloropropene 1000 U N 1,1,2-Trichloroethane 1000 U N Tetrachloroethene 2600 N N 2-Hexanone 2000 U N Dibromochloromethane 1000 U N 1,2-Dibromoethane 1000 U N Chlorobenzene 330 J N Ethylbenzene 16000 N N c-Xylene 7300 N N m,p-Xylene 9300 N N styrene 9300 N N styrene 3200 N N Bromoform 1000 U N 1,3-2,2-Tetrachloroethane 3100 N N 1,4-Dichlorobenzene 5100 N N 1,2-Dichlorobenzene 3000 N N 1,2-Dichlorobenzene 1400 N N 1,2-4-Trichlorobenzene 1400 N N <			U	
1,1,2-Trichloroethane				
Tetrachloroethene				
2-Hexanone 2000 U N Dibromochloromethane 1000 U N 1,2-Dibromoethane 1000 U N Chlorobenzene 330 J N Ethylbenzene 16000 N o-Xylene 7300 N m,p-Xylene 9300 N Styrene 3200 N Bromoform 1000 U N Isopropylbenzene 5100 N 1,1,2,2-Tetrachloroethane 3100 N 1,3-Dichlorobenzene 660 J N 1,4-Dichlorobenzene 3000 N N 1,2-Dichlorobenzene 1400 N N 1,2-Dichlorobenzene 1400 N N 1,2,3-Trichlorobenzene 1800 N N 1,2,3-Trichlorobenzene 1800 N N Benzene, 1-methyl-3-(1-meth (01) 3500 JDN N Benzene, 1-methyl-3-(1-meth (02) 11000 JDN			U	
Dibromochloromethane 1000			TT	
1,2-Dibromoethane 1000 U N Chlorobenzene 330 J N Ethylbenzene 16000 N -Xylene 7300 N m,p-Xylene 9300 N Styrene 3200 N Bromoform 1000 U N Isopropylbenzene 5100 N N 1,1,2,2-Tetrachloroethane 3100 N N 1,3-Dichlorobenzene 660 J N 1,2-Dichlorobenzene 3000 N N 1,2-Dichlorobenzene 1400 N N 1,2-Dibromo-3-chloropropane 1000 U N 1,2,4-Trichlorobenzene 5400 N N 1,2,3-Trichlorobenzene 1800 N N Benzene, 1-methyl-3-(1-meth (01) 3500 JDN N Benzene, 1-methyl-3-(1-meth (02) 11000 JDN N Unknown-01 (12.88) 3500 JDN N Benzene, 1,2,3,5-tetramethyl- 4900 JDN N Benzene, 1,2,4,5-tetram				
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Naphthalene, 1,2,3,4-tetrah (02) 3200 JDN N				
Naphthalene, 1-methyl- 5100 JDN N				
	Naphthalene, 1-methyl-	5100	JDN	N

VOA Low_Medium

Sample No: B0014DL SDG No: B0005 Case No: 40200 PH: 8 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Total Alkane TICs	140000	JD	N
cis-1-Ethyl-3-methyl-cycloh	13000	JDN	N
Benzene, propyl-	8800	JDN	N
Benzene, 1-ethyl-3-methyl-	32000	JDN	N
Benzene, 1,3,5-trimethyl-	24000	JDN	N
Benzene, 1-ethyl-2-methyl-	11000	JDN	N
Benzene, 1,2,3-trimethyl- (01)	34000	JDN	N
Benzene, 1,2,3-trimethyl- (02)	10000	JDN	N

VOA Low_Medium

 Sample No: B0015
 SDG No: B0005
 Case No: 40200

 pH: 8
 Matrix: SOIL
 Units: ug/kg

Collibration 1000	Chemical Name	Result Value	Validation	Panartahla
Chicromethane				Reportable
Viry Chloride				
Incompetchane			-	
Colorechane				
Trichlorofluctmenthane			-	
1,1-2Trichlorosthene				
1.1.2-Trichloro-1,2,2-trifiuoroethane				
Acetone			U	
Carbon Disulfide			т	
Mathylanethe 12000 YES Mathylanetholoride 220000 YES trans-1/2-Dichlorosthene 13000 U YES Mathyl text-butyl ether 13000 U YES 1/1-Dichlorosthane 13000 U YES 1/2-Dichlorosthane 13000 U YES 2-Buranone 120000 YES Emmodiloromethane 13000 U YES Chiorotorm 110000 YES Chiorotorm 13000 U YES Selection 13000 U YES Selection 13000 U YES Perrond 13000 U YES Perrond 13000 U YES Productione and 25000 U				
Mathyline chloride				
Trans-1,2-Dichloroethene	-		U	
			TT	
1-1-inhibrorethane	· · · · · · · · · · · · · · · · · · ·			
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2-Butanone				
Bromochloromethane	·		U	
Chloroform			TT	
1,1_Tichlorosthane			U	
Cyclohexane 13000 U YES Carbon tetrachloride 13000 U YES Benzene 13000 U YES 1,2-Dichloroethane 250000 U YES 1,4-Dioxane 250000 U YES Trichloroethene 5200 J YES Methylcyclohexane 2900 J YES 1,2-Dichloropropane 13000 U YES Bromodichloromethane 13000 U YES 1,3-Dichloropropene 13000 U YES 4-Methyl-2-pentanone 24000 J YES 15-1,3-Dichloropropene 13000 U YES 15-2-Dichloropropene 13000 U YES 12-1,2-Titchloroethane 13000 U YES 12-1,2-Titchloroethane 13000 U YES 2-Hexanore 25000 U YES Dibromochloromethane 13000 U YES 1,2-Dibromochloromethane				
Carbon tetrachloride			TT	
Benzene				
1,2-Dichloroethane				
A-Dioxane 250000				
Trichloroethene			-	
Methylcyclohexane 2900 J YES 1,2-Dichloropropane 13000 U YES Bromodichloromethane 13000 U YES cis-1,3-Dichloropropene 13000 U YES d-Methyl-2-pentanone 24000 J YES Toluene 230000 YES trans-1,3-Dichloropropene 13000 U YES 1,1,2-Trichloroethane 13000 U YES Tetrachloroethane 280000 YES 2-Hexanone 280000 YES Dibromochloromethane 13000 U YES 1,2-Dibromoethane 13000 U YES 1,2-Dibromoethane 13000 U YES Chlorobenzene 2200 J YES Ethylbenzene 91000 YES Ethylbenzene 91000 YES Styrene 920000 YES Styrene 230000 YES Styrene 230000 YES	·			
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Bromodichloromethane 13000 U YES cis-1,3-Dichloropropene 13000 U YES 4-Methyl-2-pentanone 24000 J YES Toluene 230000 YES trans-1,3-Dichloropropene 13000 U YES 1,1,2-Trichloroethane 13000 U YES 2-Hexanone 25000 U YES 2-Hexanone 25000 U YES Dibromochloromethane 13000 U YES 1,2-Dibromoethane 13000 U YES Chlorobenzene 2200 J YES Ethylbenzene 58000 YES Ethylbenzene 91000 YES Styrene 240000 YES Styrene 230000 YES Bromoform 13000 U YES I,3-Pichlorobenzene 13000 U YES 1,3-Dichlorobenzene 5000 J YES 1,2-Testrachloroethane 13000				
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A-Methyl-2-pentanone			-	
Toluene				
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Isopropylbenzene 13000 U YES 1,1,2,2-Tetrachloroethane 13000 U YES 1,3-Dichlorobenzene 5000 J YES 1,4-Dichlorobenzene 5600 J YES 1,2-Dichlorobenzene 59000 YES 1,2-Dibromo-3-chloropropane 13000 U YES 1,2,4-Trichlorobenzene 290000 YES 1,2,3-Trichlorobenzene 58000 YES Benzene, 1,3,5-trimethyl- (02) 66000 JN YES Unknown-02 (12.88) 58000 J YES Unknown-03 (12.88) 22000 J YES Unknown-04 (12.88) 25000 J YES Unknown-05 (12.88) 21000 J YES Naphthalene, 1,2,3,4-tetrah 300000 JN YES Unknown-06 (12.88) 19000 J YES				
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Unknown-04 (12.88) 25000 J YES Unknown-05 (12.88) 21000 J YES Naphthalene, 1,2,3,4-tetrah 300000 JN YES Unknown-06 (12.88) 19000 J YES				
Unknown-05 (12.88) 21000 J YES Naphthalene, 1,2,3,4-tetrah 300000 JN YES Unknown-06 (12.88) 19000 J YES				
Naphthalene, 1,2,3,4-tetrah 300000 JN YES Unknown-06 (12.88) 19000 J YES				
Unknown-06 (12.88) 19000 J YES				
Naphthalene, 1-chloro- (01) 19000 JN YES				
	Naphthalene, 1-chloro- (01)	19000	JN	YES

VOA Low_Medium

 Sample No: B0015
 SDG No: B0005
 Case No: 40200

 pH: 4.9
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Naphthalene, 1-chloro- (02)	180000	JN	YES
Unknown-01 (5.43)	140000	J	YES
Diisopropyl Ether	110000	JN	YES
Propane, 1-bromo-2-methyl-	490000	JN	YES
Benzene, methoxy-	120000	JN	YES
Benzene, 1-chloro-2-methyl-	67000	JN	YES
Benzene, 1-ethyl-3-methyl-	33000	JN	YES
Benzene, 1,3,5-trimethyl- (01)	35000	JN	YES

VOA Low_Medium

 Sample No: B0015DL
 SDG No: B0005
 Case No: 40200

 pH: 5.5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
	25000		<u>-</u>
Dichlorodifluoromethane Chloromethane	25000	U U	N N
Vinyl chloride	25000	U	N
Bromomethane	25000	U	N N
Chloroethane	25000	U	N
Trichlorofluoromethane	25000	U	N
1,1-Dichloroethene	7800	J	N
1,1,2-Trichloro-1,2,2-trifluoroethane	25000	U	N
Acetone	50000	U	N
Carbon Disulfide	25000	U	N
Methyl acetate	8300	J	N
Methylene chloride	120000	-	N
trans-1,2-Dichloroethene	25000	U	N
Methyl tert-butyl ether	25000	U	N
1,1-Dichloroethane	25000	U	N
cis-1,2-Dichloroethene	25000	U	N
2-Butanone	63000		N
Bromochloromethane	25000	U	N
Chloroform	57000		N
1,1,1-Trichloroethane	560000		N
Cyclohexane	25000	U	N
Carbon tetrachloride	25000	U	N
Benzene	25000	U	N
1,2-Dichloroethane	25000	U	N
1,4-Dioxane	500000	U	N
Trichloroethene	25000	U	N
Methylcyclohexane	25000	Ū	N
1,2-Dichloropropane	25000	U	N
Bromodichloromethane	25000	U	N
cis-1,3-Dichloropropene	25000	U	N
4-Methyl-2-pentanone	50000	U	N
Toluene	140000		N
trans-1,3-Dichloropropene	25000	U	N
1,1,2-Trichloroethane	25000	U	N
Tetrachloroethene	150000		N
2-Hexanone	50000	U	N
Dibromochloromethane	25000	U	N
1,2-Dibromoethane	25000	U	N
Chlorobenzene	25000	U	N
Ethylbenzene	33000		N
o-Xylene	54000		N
m,p-Xylene	140000		N
Styrene	130000		N
Bromoform	25000	U	N
<u>Isopropylbenzene</u>	25000	U	N
1,1,2,2-Tetrachloroethane	25000	U	N
1,3-Dichlorobenzene	25000	U	N
1,4-Dichlorobenzene	25000	U	N
1,2-Dichlorobenzene 1,2-Dibromo-3-chloropropane	35000		N
· · · · · · · · · · · · · · · · · · ·	25000	U	N
1,2,4-Trichlorobenzene 1,2,3-Trichlorobenzene	170000 33000		N N
Unknown-01 (5.43)	65000	JD	N N
Diisopropyl Ether	62000	JDN	N N
Propane, 1-bromo-2-methyl-	24000	JDN JDN	N N
Benzene, methoxy-	81000	JDN JDN	N N
Benzene, 1-chloro-2-methyl-	45000	JDN JDN	N
Benzene, 1,2,3-trimethyl-	46000	JDN JDN	N
Unknown-02 (12.87)	26000	JDN JD	N
Naphthalene, 1,2,3,4-tetrah	210000	JDN	N N
Naphenatene, 1/2/0/4 cectail	210000	ODIN	TA

VOA Low_Medium

Sample No: B0015DLSDG No: B0005Case No: 40200pH: 4.9Matrix: SOILUnits: ug/kgLAB: A4%Moisture: 0Dilution Factor: 1

Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical Name Result Value Validation Reportable

Naphthalene, 2-chloro- 130000 JDN N Total Alkane TICs 8800 JD N

VOA Low_Medium

 Sample No: B0016
 SDG No: B0005
 Case No: 40200

 pH: 5.5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	UJ	YES
Chloromethane	250	UJ	YES
Vinyl chloride	250	U	YES
Bromomethane	250	UJ	YES
Chloroethane	250	UJ	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	1600		YES
Carbon Disulfide	250	UJ	YES
Methyl acetate	170	J	YES
Methylene chloride	300		YES
trans-1,2-Dichloroethene	250	Ū	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	260	J	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	63	J	YES
Carbon tetrachloride	250	U	YES
Benzene	250	U	YES
1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U	YES
Trichloroethene	250	U	YES
	700	0	YES
Methylcyclohexane 1,2-Dichloropropane	250	Ū	YES
Bromodichloromethane	250	U U	
		-	YES
cis-1,3-Dichloropropene	250	U	YES
4-Methyl-2-pentanone	500	U	YES
Toluene	130	J	YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
Tetrachloroethene	250	U	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	460		YES
o-Xylene	2700		YES
m,p-Xylene	2900		YES
Styrene	250	U	YES
Bromoform	250	U	YES
Isopropylbenzene	1000		YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250	U	YES
Bicyclo[3.2.1]octane	2200	JN	YES
Benzene, 1-ethyl-2-methyl- (01)	5400	JN	YES
Benzene, 1,2,3-trimethyl- (01)	10000	JN	YES
Benzene, 1-ethyl-2-methyl- (02)	3900	JN	YES
Benzene, 1,2,3-trimethyl- (02)	16000	JN	YES
Unknown-01 (12.88)	1800	J	YES
Benzene, 1,2,3-trimethyl- (03)	9800	JN	YES
Benzene, 1-ethyl-3,5-dimethyl-	12000	JN	YES
Delizered, i cerry 5/5 atmostry	12000	O14	110

VOA Low_Medium

 Sample No: B0016
 SDG No: B0005
 Case No: 40200

 pH: 4.9
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzene, 2-ethyl-1,4-dimethyl- (01)	5000	JN	YES
Benzene, 4-ethyl-1,2-dimethyl-	11000	JN	YES
Indan, 1-methyl-	2300	JN	YES
Unknown-02 (12.88)	7600	J	YES
Unknown-03 (12.88)	2700	J	YES
Benzene, 2-ethyl-1,4-dimethyl- (02)	4100	JN	YES
Benzene, 1,2,4,5-tetramethyl- (01)	6600	JN	YES
Benzene, 1,2,4,5-tetramethyl- (02)	10000	JN	YES
Unknown-04 (12.88)	3300	J	YES
Benzene, 1,2,4,5-tetramethyl- (03)	10000	JN	YES
Benzene, 1-methyl-4-(1-meth (03)	1800	JN	YES
Naphthalene, 1,2,3,4-tetrah	3000	JN	YES
Unknown-05 (12.88)	3400	J	YES
Total Alkane TICs	49000	J	YES
Benzene, 1-methyl-2-(1-meth	5700	JN	YES

VOA Low_Medium

Sample No: VHBLK3NSDG No: B0005Case No: 40200pH: 2Matrix: SOILUnits: ug/kg

Chemical Name	Result Value	Validation	Reportable
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	500	U	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	U	YES
Benzene	250	U	YES
1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U	YES
Trichloroethene	250	U	YES
Methylcyclohexane	250	U	YES
1,2-Dichloropropane	250	U	YES
Bromodichloromethane	250	U	YES
cis-1,3-Dichloropropene	250	U	YES
4-Methyl-2-pentanone	500	U	YES
Toluene	250	U	YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
Tetrachloroethene	250	U	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	250	U	YES
o-Xylene	250	U	YES
m,p-Xylene	250	U	YES
Styrene	250	U	YES
Bromoform	250	U	YES
Isopropylbenzene	250	U	YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250	U	YES

BNA

 Sample No: B0013
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	100000	U	YES
Phenol	100000	U	YES
Bis(2-Chloroethyl)ether	100000	U	YES
-Chlorophenol	100000	U	YES
-Methylphenol	8900	J	YES
,2'-Oxybis(1-chloropropane)	100000	U	YES
cetophenone	100000	U	YES
-Methylphenol	100000	U	YES
-Nitroso-di-n-propylamine	100000	U	YES
exachloroethane	100000	U	YES
itrobenzene	100000	U	YES
sophorone	100000	U	YES
-Nitrophenol	100000	Ū	YES
,4-Dimethylphenol	100000	U	YES
is(2-chloroethoxy)methane	100000	U	YES
,4-Dichlorophenol	100000	U	YES
aphthalene	100000	U	YES
-Chloroaniline	46000	J	YES
exachlorobutadiene	100000	U	YES
aprolactam	100000	U	YES
1	100000	U U	
-Chloro-3-methylphenol			YES
-Methylnaphthalene	4000	J	YES
exachlorocyclopentadiene	100000	U	YES
,4,6-Trichlorophenol	100000	U	YES
,4,5-Trichlorophenol	100000	U	YES
,1'-Biphenyl	100000	U	YES
-Chloronaphthalene	100000	U	YES
-Nitroaniline	200000	U	YES
imethylphthalate	100000	U	YES
,6-Dinitrotoluene	100000	U	YES
cenaphthylene	100000	U	YES
-Nitroaniline	200000	U	YES
cenaphthene	100000	U	YES
,4-Dinitrophenol	200000	U	YES
-Nitrophenol	20000	U	YES
ibenzofuran	100000	U	YES
,4-Dinitrotoluene	100000	U	YES
iethylphthalate	100000	U	YES
luorene	100000	U	YES
	100000	U	YES
-Chlorophenyl-phenylether		-	
-Nitroaniline	20000	U	YES
,6-Dinitro-2-methylphenol	200000	U	YES
-Nitrosodiphenylamine	100000	U	YES
,2,4,5-Tetrachlorobenzene	100000	U	YES
-Bromophenyl-phenylether	100000	U	YES
exachlorobenzene	100000	U	YES
trazine	100000	U	YES
entachlorophenol	200000	UJ	YES
henanthrene	100000	U	YES
nthracene	100000	U	YES
arbazole	100000	U	YES
i-n-butylphthalate	100000	U	YES
luoranthene	100000	U	YES
yrene	100000	U	YES
utylbenzylphthalate	10000	U	YES
,3'-Dichlorobenzidine	100000	U	YES
enzo(a)anthracene	100000	U	YES
hrysene	100000	Ü	YES
is(2-ethylhexyl)phthalate	100000	U	YES
Di-n-octylphthalate	100000	U	YES

BNA

 Sample No: B0013
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	100000	U	YES
Benzo(k) fluoranthene	100000	U	YES
Benzo(a)pyrene	100000	U	YES
Indeno(1,2,3-cd)pyrene	100000	U	YES
Dibenzo(a,h)anthracene	100000	U	YES
Benzo(g,h,I)perylene	100000	U	YES
2,3,4,6-Tetrachlorophenol	100000	U	YES
Unknown-02 (9.01)	53000	J	YES
Unknown-03 (14.16)	43000	J	YES
Unknown-04 (14.16)	85000	J	YES
Unknown-05 (14.16)	47000	J	YES
Unknown-06 (14.16)	160000	J	YES
Total Alkane TICs	330000	J	YES
Benzene, 1-ethyl-3-methyl- (01)	78000	JN	YES
Unknown-01 (3.83)	42000	J	YES
Benzene, 1-chloro-3-nitro-	210000	JN	YES
Stannane, chlorotris(2-meth	440000	JN	YES

BNA

 Sample No: B0014
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	100000	U	YES
Phenol	100000	U	YES
is(2-Chloroethyl)ether	100000	U	YES
-Chlorophenol	100000	U	YES
-Methylphenol	100000	U	YES
,2'-Oxybis(1-chloropropane)	100000	U	YES
cetophenone	100000	U	YES
-Methylphenol	100000	U	YES
-Nitroso-di-n-propylamine	100000	U	YES
exachloroethane	100000	U	YES
itrobenzene	100000	U	YES
sophorone	100000	U	YES
-Nitrophenol	100000	U	YES
,4-Dimethylphenol	100000	U	YES
is(2-chloroethoxy)methane	100000	Ū	YES
,4-Dichlorophenol	100000	Ū	YES
aphthalene	100000	U	YES
-Chloroaniline	70000	J	YES
exachlorobutadiene	100000	U	YES
aprolactam	100000	U	YES
-Chloro-3-methylphenol	100000	U	YES
-Methylnaphthalene	4200		YES
exachlorocyclopentadiene	100000	U U	YES
,4,6-Trichlorophenol	100000	U	YES
,4,5-Trichlorophenol	100000	U	YES
,1'-Biphenyl	100000	U U	YES
-Chloronaphthalene	100000	U U	YES
*			
-Nitroaniline	200000	U	YES
imethylphthalate	100000	U	YES
,6-Dinitrotoluene	100000	U	YES
cenaphthylene	100000	U	YES
-Nitroaniline	200000	U	YES
cenaphthene	100000	U	YES
,4-Dinitrophenol	200000	U	YES
-Nitrophenol	200000	U	YES
ibenzofuran	100000	U	YES
,4-Dinitrotoluene	100000	U	YES
iethylphthalate	100000	U	YES
luorene	100000	U	YES
-Chlorophenyl-phenylether	100000	U	YES
-Nitroaniline	200000	U	YES
,6-Dinitro-2-methylphenol	200000	U	YES
-Nitrosodiphenylamine	100000	U	YES
,2,4,5-Tetrachlorobenzene	100000	U	YES
-Bromophenyl-phenylether	100000	U	YES
exachlorobenzene	100000	U	YES
trazine	100000	U	YES
entachlorophenol	200000	UJ	YES
henanthrene	100000	U	YES
nthracene	100000	U	YES
arbazole	100000	U	YES
i-n-butylphthalate	100000	U	YES
luoranthene	4400	J	YES
yrene	100000	U	YES
utylbenzylphthalate	100000	U	YES
,3'-Dichlorobenzidine	100000	U	YES
enzo (a) anthracene	100000	U	YES
hrysene	100000	U	YES
11T ADCIIE	T00000	U	
is(2-ethylhexyl)phthalate	100000	U	YES

BNA

 Sample No: B0014
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	100000	U	YES
Benzo(k)fluoranthene	100000	U	YES
Benzo(a)pyrene	100000	U	YES
Indeno(1,2,3-cd)pyrene	100000	U	YES
Dibenzo(a,h)anthracene	100000	U	YES
Benzo(g,h,I)perylene	100000	U	YES
2,3,4,6-Tetrachlorophenol	100000	U	YES
Unknown-01 (3.83)	85000	J	YES
Benzene, 1,2,4-trimethyl-	50000	JN	YES
Benzene, 1-chloro-4-nitro-	940000	JN	YES
Stannane, tributylchloro-	330000	JN	YES
Unknown-02 (9.00)	47000	J	YES
Unknown-03 (14.16)	78000	J	YES
Unknown-04 (14.16)	46000	J	YES
Unknown-05 (14.16)	150000	J	YES
Total Alkane TICs	180000	J	YES

BNA

 Sample No: B0015
 SDG No: B0005
 Case No: 40200

 pH: 4.9
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
	1000000		•
Benzaldehyde Phenol	2200000	U	YES YES
Bis (2-Chloroethyl) ether	1000000	Ū	YES
2-Chlorophenol	1000000	U	YES
2-Methylphenol	470000	U	YES
2,2'-Oxybis(1-chloropropane)	100000	U	YES
Acetophenone	43000		YES
4-Methylphenol	140000	J	YES
		TT	
N-Nitroso-di-n-propylamine	1000000 1000000	U	YES
Hexachloroethane		U	YES
Nitrobenzene	1000000	U	YES
Isophorone	1000000	U	YES
2-Nitrophenol	1000000	U	YES
2,4-Dimethylphenol	430000	<u>J</u>	YES
Bis (2-chloroethoxy) methane	1000000	U	YES
2,4-Dichlorophenol	1000000	U	YES
Naphthalene	1000000	U	YES
4-Chloroaniline	1000000	U	YES
<u>Hexachlorobutadiene</u>	1000000	U	YES
Caprolactam	1000000	U	YES
4-Chloro-3-methylphenol	1000000	U	YES
2-Methylnaphthalene	1000000	U	YES
<u>Hexachlorocyclopentadiene</u>	1000000	U	YES
2,4,6-Trichlorophenol	1000000	U	YES
2,4,5-Trichlorophenol	1000000	U	YES
1,1'-Biphenyl	56000	J	YES
2-Chloronaphthalene	110000	J	YES
2-Nitroaniline	200000	U	YES
Dimethylphthalate	100000	U	YES
2,6-Dinitrotoluene	100000	U	YES
Acenaphthylene	1000000	U	YES
3-Nitroaniline	200000	U	YES
Acenaphthene	100000	U	YES
2,4-Dinitrophenol	200000	U	YES
4-Nitrophenol	200000	U	YES
Dibenzofuran	1000000	U	YES
2,4-Dinitrotoluene	1000000	U	YES
Diethylphthalate	240000	J	YES
Fluorene	1000000	U	YES
4-Chlorophenyl-phenylether	1000000	U	YES
4-Nitroaniline	200000	U	YES
4,6-Dinitro-2-methylphenol	200000	U	YES
N-Nitrosodiphenylamine	1000000	U	YES
1,2,4,5-Tetrachlorobenzene	100000	U	YES
4-Bromophenyl-phenylether	1000000	U	YES
Hexachlorobenzene	100000	U	YES
Atrazine	100000	U	YES
Pentachlorophenol	200000	UJ	YES
Phenanthrene	1000000	U	YES
Anthracene	100000	U	YES
Carbazole	100000	Ū	YES
Di-n-butylphthalate	1000000	U	YES
Fluoranthene	1000000	Ü	YES
Pyrene	1000000	U	YES
Butylbenzylphthalate	1000000	U	YES
3,3'-Dichlorobenzidine	1000000	Ū	YES
Benzo (a) anthracene	1000000	U	YES
Chrysene	1000000	U	YES
Bis (2-ethylhexyl) phthalate	230000		YES
Di-n-octylphthalate	1000000	U	YES
DI II OCCYIPITOTICITATACC	100000	<u> </u>	110

BNA

 Sample No: B0015
 SDG No: B0005
 Case No: 40200

 pH: 4.9
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	1000000	U	YES
Benzo(k) fluoranthene	1000000	U	YES
Benzo(a)pyrene	1000000	U	YES
Indeno(1,2,3-cd)pyrene	1000000	U	YES
Dibenzo(a,h)anthracene	1000000	U	YES
Benzo(g,h,I)perylene	100000	U	YES
2,3,4,6-Tetrachlorophenol	100000	U	YES
Unknown-07 (7.26)	860000	J	YES
Unknown-08 (9.01)	470000	J	YES
Unknown-09 (14.16)	560000	J	YES
Unknown-01 (3.83)	450000	J	YES
Styrene	1100000	JN	YES
Benzene, methoxy-	1100000	JN	YES
Benzene, bromo-	6500000	JN	YES
Unknown-02 (3.83)	670000	J	YES
Unknown-03 (3.83)	460000	J	YES
Unknown-04 (3.83)	1100000	J	YES
Benzyl alcohol	390000	JN	YES
Phenol, 2,6-dimethyl-	1800000	JN	YES
Naphthalene, 1,2,3,4-tetrah	1200000	JN	YES
Methyl Salicylate	100000	JN	YES
Phenol, 2,4,5-trimethyl-	1400000	JN	YES
Benzene, 1-chloro-3-nitro-	450000	JN	YES
Unknown-05 (5.19)	460000	J	YES
Benzene, 1-chloro-2-nitro- (02)	530000	JN	YES
Unknown-06 (7.26)	590000	J	YES
Benzoic acid, 2-hydroxy-, 3	420000	JN	YES

BNA

 Sample No: B0016
 SDG No: B0005
 Case No: 40200

 pH: 5.5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	230000	U	YES
Phenol	230000	U	YES
Bis(2-Chloroethyl)ether	230000	U	YES
2-Chlorophenol	230000	U	YES
2-Methylphenol	230000	U	YES
2,2'-Oxybis(1-chloropropane)	230000	U	YES
Acetophenone	83000	J	YES
4-Methylphenol	230000	U	YES
N-Nitroso-di-n-propylamine	230000	U	YES
Hexachloroethane	230000	U	YES
Nitrobenzene	230000	U	YES
Isophorone	230000	U	YES
2-Nitrophenol	230000	U	YES
2,4-Dimethylphenol	230000	U	YES
Bis(2-chloroethoxy)methane	230000	U	YES
2,4-Dichlorophenol	230000	U	YES
Naphthalene	79000	J	YES
4-Chloroaniline	230000	U	YES

Pesticides

 Sample No: B0013
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	170	UJ	YES
beta-BHC	170	UJ	YES
delta-BHC	170	UJ	YES
gamma-BHC (Lindane)	170	UJ	YES
Heptachlor	170	UJ	YES
Aldrin	170	UJ	YES
Heptachlor epoxide	170	UJ	YES
Endosulfan I	170	R	YES
Dieldrin	330	UJ	YES
4,4'-DDE	330	UJ	YES
Endrin	330	R	YES
Endosulfan II	330	UJ	YES
4,4'-DDD	330	R	YES
Endosulfan sulfate	330	R	YES
4,4'-DDT	330	R	YES
Methoxychlor	1700	UJ	YES
Endrin ketone	330	UJ	YES
Endrin aldehyde	330	UJ	YES
alpha-Chlordane	170	UJ	YES
gamma-Chlordane	170	UJ	YES
Toxaphene	17000	UJ	YES

Pesticides

 Sample No: B0014
 SDG No: B0005
 Case No: 40200

 pH: 5.2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	170	UJ	YES
beta-BHC	170	UJ	YES
delta-BHC	170	UJ	YES
gamma-BHC (Lindane)	170	UJ	YES
Heptachlor	170	UJ	YES
Aldrin	170	UJ	YES
Heptachlor epoxide	170	UJ	YES
Endosulfan I	170	R	YES
Dieldrin	330	UJ	YES
4,4'-DDE	330	UJ	YES
Endrin	330	R	YES
Endosulfan II	330	UJ	YES
4,4'-DDD	330	R	YES
Endosulfan sulfate	330	R	YES
4,4'-DDT	330	R	YES
Methoxychlor	1700	UJ	YES
Endrin ketone	330	UJ	YES
Endrin aldehyde	330	UJ	YES
alpha-Chlordane	170	UJ	YES
gamma-Chlordane	170	UJ	YES
Toxaphene	17000	UJ	YES

Pesticides

 Sample No: B0015
 SDG No: B0005
 Case No: 40200

 pH: 5.5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	5100	UJ	YES
beta-BHC	5100	UJ	YES
delta-BHC	5100	UJ	YES
gamma-BHC (Lindane)	5100	UJ	YES
Heptachlor	5100	UJ	YES
Aldrin	5100	UJ	YES
Heptachlor epoxide	5100	UJ	YES
Endosulfan I	5100	R	YES
Dieldrin	9900	UJ	YES
4,4'-DDE	9900	UJ	YES
Endrin	9900	R	YES
Endosulfan II	9900	UJ	YES
4,4'-DDD	9900	R	YES
Endosulfan sulfate	9900	R	YES
4,4'-DDT	9900	R	YES
Methoxychlor	51000	UJ	YES
Endrin ketone	9900	UJ	YES
Endrin aldehyde	9900	UJ	YES
alpha-Chlordane	5100	UJ	YES
gamma-Chlordane	5100	UJ	YES
Toxaphene	510000	UJ	YES

Aroclor

 Sample No: B0013
 SDG No: B0005
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	33	U	YES
Aroclor-1221	33	Ū	YES
Aroclor-1232	33	U	YES
Aroclor-1242	33	U	YES
Aroclor-1248	33	U	YES
Aroclor-1254	33	U	YES
Aroclor-1260	33	U	YES
Aroclor-1262	33	U	YES
Aroclor-1268	33	U	YES

Aroclor

Sample No: B0014 SDG No: B0005 Case No: 40200 PH: 5.2 Matrix: SOIL Units: ug/kg
LAB: A4 %Moisture: 0 Dilution Factor

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	33	Ū	YES
Aroclor-1221	33	Ŭ	YES
Aroclor-1232	33	Ŭ	YES
Aroclor-1242	33	U	YES
Aroclor-1248	33	U	YES
Aroclor-1254	33	U	YES
Aroclor-1260	33	U	YES
Aroclor-1262	33	U	YES
Aroclor-1268	33	U	YES

Aroclor

Sample No: B0015 SDG No: B0005 Case No: 40200 pH: 5.5 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	U	YES
Aroclor-1221	990	U	YES
Aroclor-1232	990	U	YES
Aroclor-1242	990	U	YES
Aroclor-1248	990	U	YES
Aroclor-1254	990	U	YES
Aroclor-1260	990	U	YES
Aroclor-1262	990	U	YES
Aroclor-1268	990	U	YES

Sample No: B0005

Date Sampled: 6/8/2010

pH:

LAB: A4

VOA Low_Medium

SDG No: B0005 Matrix: SOIL

%Moisture: 0
Time Sampled:

Case No: 40200 Units: ug/kg

Dilution Factor: 1
Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	U	YES
Chloromethane	250	U	YES
Vinyl chloride	250	U	YES
Bromomethane	250	U	YES
Chloroethane	250	U	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	710		YES
Carbon Disulfide	250	U	YES
Methyl acetate	230		YES
Methylene chloride	300		YES
trans-1,2-Dichloroethene	250	U	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	500	U	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
	250	U	YES
Cyclohexane Carbon tetrachloride	250	U U	
			YES
Benzene	250	U	YES
1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U	YES
Trichloroethene	250	U	YES
Methylcyclohexane	250	U	YES
1,2-Dichloropropane	250	U	YES
Bromodichloromethane	250	U	YES
cis-1,3-Dichloropropene	250	U	YES
4-Methyl-2-pentanone	500	U	YES
Toluene	4300		YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
Tetrachloroethene	250	<u>U</u>	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	250	U	YES
o-Xylene	250	U	YES
m,p-Xylene	250	U	YES
Styrene	250	U	YES
Bromoform	250	U	YES
Isopropylbenzene	250	U	YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250	U	YES

VOA Low_Medium

SDG No: B0005 Sample No: B0006 pH: Matrix: SOIL

%Moisture: 0

Case No: 40200 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250		-
Chloromethane	250	UJ UJ	YES YES
Vinyl chloride	250	U	YES
Bromomethane	250	UJ	YES
Chloroethane	250	UJ	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	270	J	YES
Carbon Disulfide	250	UJ	YES
Methyl acetate	380		YES
Methylene chloride	210	J	YES
trans-1,2-Dichloroethene	250	U	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	500	U	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	U	YES
Benzene	250	U	YES
1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U	YES
Trichloroethene	250	U	YES
Methylcyclohexane	250	U	YES
1,2-Dichloropropane	250	U	YES
Bromodichloromethane	250	U	YES
cis-1,3-Dichloropropene	250	U	YES
4-Methyl-2-pentanone	500	U	YES
Toluene	250	U	YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
<u>Tetrachloroethene</u>	250	U	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	250	U	YES
<u>o-Xylene</u>	250	U	YES
m,p-Xylene	91	J	YES
Styrene	250	U	YES
Bromoform	250	U	YES
<u>Isopropylbenzene</u>	250	U	YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250 450	U	YES
Benzene, 1-methyl-2-(1-meth		JN T	YES
Unknown-01 (12.88)	290	J TNI	YES
Nonanal Benzene, 1,2,3,4-tetramethyl- (01)	350 310	JN JN	YES YES
Benzene, 1,2,3,4-tetramethyl- (01) Benzene, 1,2,3,4-tetramethyl- (02)	680	JN JN	YES
Unknown-02 (12.88)	300	JN J	YES
Unknown-03 (12.88)	420		YES
Unknown-04 (12.88)	290		YES
OHMINOWII OF (IZ.OU)	∠ ೨∪	U	TEO

VOA Low_Medium

 Sample No: B0006
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzene, 1,2,4,5-tetramethyl-	920	JN	YES
Benzene, 1,3-dimethyl-5-(1 (02)	440	JN	YES
Total Alkane TICs	9800	J	YES

Date Sampled: 6/8/2010

LAB: A4

VOA Low_Medium

Sample No: B0009 SDG No: B0005 PH: Matrix: SOIL

%Moisture: 0
Time Sampled:

Case No: 40200
Units: ug/kg

Dilution Factor: 1
Sample Location: NA

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	13000	U	YES
Chloromethane	13000	U	YES
Vinyl chloride	13000	Ü	YES
Bromomethane	13000	Ü	YES
Chloroethane	13000	U	YES
Trichlorofluoromethane	13000	U	YES
1,1-Dichloroethene	13000	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	13000	Ü	YES
Acetone	25000	Ü	YES
Carbon Disulfide	13000	Ü	YES
Methyl acetate	13000	Ŭ	YES
Methylene chloride	11000	J	YES
trans-1,2-Dichloroethene	13000	Ü	YES
Methyl tert-butyl ether	13000	Ü	YES
1,1-Dichloroethane	13000	U	YES
cis-1,2-Dichloroethene	13000	U	YES
2-Butanone	25000	Ü	YES
Bromochloromethane	13000	U	YES
Chloroform	13000	U	YES
1,1,1-Trichloroethane	13000	U	YES
Cyclohexane	13000	U U	YES
Carbon tetrachloride	13000	U	YES
	13000	U	YES
Benzene 1 2 Dishlamathana		U	
1,2-Dichloroethane	13000		YES
1,4-Dioxane Trichloroethene	250000 13000	U U	YES YES
Methylcyclohexane	13000	U	YES
1,2-Dichloropropane	13000	U	YES
Bromodichloromethane	13000	U	YES
cis-1,3-Dichloropropene	13000	U	YES
4-Methyl-2-pentanone	25000	U	YES
Toluene	13000	U	YES
trans-1,3-Dichloropropene	13000	U	YES
1,1,2-Trichloroethane	13000	U	YES
<u>Tetrachloroethene</u>	13000	U	YES
2-Hexanone	25000	U	YES
<u>Dibromochloromethane</u>	13000	U	YES
1,2-Dibromoethane	13000	U	YES
Chlorobenzene	13000	U	YES
Ethylbenzene	13000	U 	YES
o-Xylene	13000	<u>U</u>	YES
m,p-Xylene	5800	<u>J</u>	YES
Styrene	13000	U	YES
Bromoform	15000		YES
<u>Isopropylbenzene</u>	13000	U	YES
1,1,2,2-Tetrachloroethane	13000	<u>U</u>	YES
1,3-Dichlorobenzene	4400	<u>J</u>	YES
1,4-Dichlorobenzene	13000	U	YES
1,2-Dichlorobenzene	13000	U	YES
1,2-Dibromo-3-chloropropane	13000	U	YES
1,2,4-Trichlorobenzene	380000		YES
1,2,3-Trichlorobenzene	1300000		YES
Benzene, 1,2,4-trichloro-	16000	JN	YES

VOA Low_Medium

Sample No: B0009DL SDG No: B0005 Case No: 40200 PH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	25000	U	N
Chloromethane	25000	U	N
Vinyl chloride	25000	U	N
Bromomethane	25000	U	N
Chloroethane	25000	U	N
Trichlorofluoromethane	25000	U	N

BNA

 Sample No: B0005
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	45000	U	YES
Phenol	45000	U	YES
is(2-Chloroethyl)ether	45000	U	YES
-Chlorophenol	45000	U	YES
-Methylphenol	45000	U	YES
,2'-Oxybis(1-chloropropane)	45000	Ŭ	YES
cetophenone	45000	U	YES
-Methylphenol	45000	U	YES
-Nitroso-di-n-propylamine	45000	U	YES
exachloroethane	45000	U	YES
itrobenzene	45000	U	YES
sophorone	45000	Ū	YES
-Nitrophenol	45000	Ū	YES
,4-Dimethylphenol	45000	Ū	YES
is(2-chloroethoxy)methane	45000	U	YES
,4-Dichlorophenol	45000	U	YES
aphthalene	45000	U	YES
-Chloroaniline	45000	U	YES
exachlorobutadiene	45000	U	YES
aprolactam	45000	U	YES
-Chloro-3-methylphenol	45000	U	YES
	45000	U U	YES
-Methylnaphthalene exachlorocyclopentadiene	45000	U U	YES
,4,6-Trichlorophenol	45000	U	YES
,4,5-Trichlorophenol	45000	U	YES
,1'-Biphenyl	45000	U	YES
-Chloronaphthalene	45000	U	YES
-Nitroaniline	91000	U	YES
imethylphthalate	45000	U	YES
,6-Dinitrotoluene	45000	U	YES
cenaphthylene	45000	U	YES
-Nitroaniline	91000	U	YES
cenaphthene	45000	U	YES
,4-Dinitrophenol	91000	U	YES
-Nitrophenol	91000	Ŭ	YES
ibenzofuran	45000	Ū	YES
,4-Dinitrotoluene	45000	U	YES
iethylphthalate	45000	U	YES
luorene	45000	U	YES
-Chlorophenyl-phenylether	45000	Ū	YES
-Nitroaniline	91000	Ū	YES
,6-Dinitro-2-methylphenol	91000	Ū	YES
-Nitrosodiphenylamine	45000	U	YES
,2,4,5-Tetrachlorobenzene	45000	Ū	YES
-Bromophenyl-phenylether	45000	U	YES
exachlorobenzene	45000	U	YES
trazine	45000	U	YES
entachlorophenol	91000	U	YES
henanthrene	45000	U	YES
nthracene	45000	U	YES
arbazole	45000	U	YES
i-n-butylphthalate	45000	U	YES
luoranthene	45000	U U	YES
yrene	45000	U	YES
utylbenzylphthalate	45000	U	YES
,3'-Dichlorobenzidine	45000	Ü	YES
enzo(a)anthracene	45000	U	YES
hrysene	45000	U	YES
sis(2-ethylhexyl)phthalate	34000	J	YES
i-n-octylphthalate	45000	U	YES

BNA

 Sample No: B0005
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	45000	U	YES
Benzo(k) fluoranthene	45000	U	YES
Benzo(a)pyrene	45000	U	YES
Indeno(1,2,3-cd)pyrene	45000	U	YES
Dibenzo(a,h)anthracene	45000	U	YES
Benzo(g,h,I)perylene	45000	U	YES
2,3,4,6-Tetrachlorophenol	45000	U	YES
Unknown-01 (5.47)	54000	J	YES
Benzenamine, 2-methoxy-5-me	20000	JN	YES
Unknown-02 (5.47)	310000	J	YES
Unknown-03 (5.47)	35000	J	YES
Acetamide, N-phenyl-	24000	JN	YES
Unknown-04 (7.55)	1200000	J	YES
Unknown-05 (7.55)	48000	J	YES
Unknown-06 (9.31)	92000	J	YES
Benzene, 1,1'-(1,2-cyclobut	46000	JN	YES
Unknown-07 (9.31)	22000	J	YES
Folpet	91000	JN	YES
Unknown-08 (12.79)	18000	J	YES
Unknown-09 (12.79)	90000	J	YES
Unknown-10 (12.79)	51000	J	YES
Unknown-11 (12.79)	33000	J	YES
Unknown-12 (12.79)	110000	J	YES
Unknown-13 (12.79)	180000	J	YES
Unknown-14 (12.79)	46000	J	YES
Unknown-15 (12.79)	57000	J	YES
Unknown-16 (12.79)	21000	J	YES
Unknown-17 (15.77)	66000	J	YES
Total Alkane TICs	67000	J	YES
Bicyclo[4.2.0]octa-1,3,5-tr (01)	31000	JN	YES

BNA

 Sample No: B0006
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	25000	U	YES
Phenol	25000	U	YES
Bis (2-Chloroethyl) ether	25000	U	YES
2-Chlorophenol	25000	n 	YES
2-Methylphenol		n 	
2,2'-Oxybis(1-chloropropane)	<u>25000</u> 25000	U U	YES YES
	25000	U	YES
Acetophenone			
4-Methylphenol	25000	U	YES
N-Nitroso-di-n-propylamine	25000	U	YES
Hexachloroethane	25000	U	YES
Nitrobenzene	25000	U	YES
Isophorone	25000	U	YES
2-Nitrophenol	25000	U	YES
2,4-Dimethylphenol	25000	U	YES
Bis (2-chloroethoxy) methane	25000	U	YES
2,4-Dichlorophenol	25000	U	YES
Naphthalene	25000	U	YES
<u>4-Chloroaniline</u>	25000	U	YES
<u>Hexachlorobutadiene</u>	25000	U	YES
Caprolactam	25000	UJ	YES
4-Chloro-3-methylphenol	25000	U	YES
2-Methylnaphthalene	25000	U	YES
Hexachlorocyclopentadiene	25000	U	YES
2,4,6-Trichlorophenol	25000	U	YES
2,4,5-Trichlorophenol	25000	U	YES
1,1'-Biphenyl	25000	UJ	YES
2-Chloronaphthalene	25000	Ū	YES
2-Nitroaniline	50000	U	YES
Dimethylphthalate	25000	UJ	YES
2,6-Dinitrotoluene	25000	U	YES
Acenaphthylene	25000	U	YES
3-Nitroaniline	50000	U	YES
Acenaphthene	25000	U	YES
2,4-Dinitrophenol	50000	U	YES
4-Nitrophenol	50000	Ü	YES
Dibenzofuran	25000	U	YES
2,4-Dinitrotoluene	25000	U	YES
Diethylphthalate	25000	UJ	YES
Fluorene	25000	U	YES
4-Chlorophenyl-phenylether 4-Nitroaniline	<u>25000</u> 50000	U	YES YES
4,6-Dinitro-2-methylphenol	50000	U	YES
N-Nitrosodiphenylamine	25000	U	YES
1,2,4,5-Tetrachlorobenzene	25000	U	YES
4-Bromophenyl-phenylether	<u>25000</u> 25000	U U	YES YES
Hexachlorobenzene			
Atrazine	25000	U	YES
Pentachlorophenol	50000	UJ	YES
Phenanthrene	25000	U	YES
Anthracene	25000	U	YES
Carbazole	25000	U	YES
Di-n-butylphthalate	1300	J	YES
Fluoranthene	25000	UJ	YES
Pyrene	25000	UJ	YES
Butylbenzylphthalate	25000	UJ	YES
3,3'-Dichlorobenzidine	25000	U	YES
Benzo(a)anthracene	25000	UJ	YES
Chrysene	25000	UJ	YES
Bis(2-ethylhexyl)phthalate	25000	UJ	YES
Di-n-octylphthalate	25000	UJ	YES

BNA

Sample No: B0006 SDG No: B0005 Case No: 40200 PH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	25000	UJ	YES
Benzo(k)fluoranthene	25000	UJ	YES
Benzo(a)pyrene	25000	UJ	YES
Indeno(1,2,3-cd)pyrene	25000	UJ	YES
Dibenzo(a,h)anthracene	25000	UJ	YES
Benzo(g,h,I)perylene	25000	UJ	YES
2,3,4,6-Tetrachlorophenol	25000	U	YES
Unknown-04 (14.16)	110000	J	YES
.gammaSitosterol	38000	JN	YES
Unknown-01 (3.83)	16000	J	YES
Benzonitrile, m-amino-	15000	JN	YES
Unknown-02 (7.26)	13000	J	YES
Unknown-03 (9.00)	17000	J	YES

BNA

 Sample No: B0009
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	91000	U	YES
henol	91000	U	YES
is(2-Chloroethyl)ether	91000	U	YES
-Chlorophenol	91000	U	YES
-Methylphenol	7100	J	YES
,2'-Oxybis(1-chloropropane)	91000	U	YES
cetophenone	91000	U	YES
-Methylphenol	91000	U	YES
-Nitroso-di-n-propylamine	91000	U	YES
exachloroethane	91000	U	YES
itrobenzene	91000	U	YES
sophorone	91000	U	YES
-Nitrophenol	91000	U	YES
,4-Dimethylphenol	91000	U	YES
is (2-chloroethoxy) methane	91000	U	YES
,4-Dichlorophenol	91000	U	YES
aphthalene	91000	U	YES
-Chloroaniline	91000	Ü	YES
exachlorobutadiene	91000	U	YES
aprolactam	91000	U	YES
-Chloro-3-methylphenol	91000	U	YES
-Methylnaphthalene	91000	U	YES
	91000	Ū	YES
exachlorocyclopentadiene			
,4,6-Trichlorophenol	91000	U	YES
,4,5-Trichlorophenol	91000	U	YES
,1'-Biphenyl	91000	U	YES
-Chloronaphthalene	91000	U	YES
-Nitroaniline	180000	U	YES
Dimethylphthalate	91000	U	YES
,6-Dinitrotoluene	91000	U	YES
cenaphthylene	91000	U	YES
-Nitroaniline	180000	U	YES
cenaphthene	91000	U	YES
,4-Dinitrophenol	180000	U	YES
-Nitrophenol	180000	U	YES
Dibenzofuran	91000	U	YES
,4-Dinitrotoluene	91000	U	YES
Piethylphthalate	91000	U	YES
'luorene	91000	U	YES
-Chlorophenyl-phenylether	91000	U	YES
-Nitroaniline	180000	U	YES
,6-Dinitro-2-methylphenol	180000	U	YES
-Nitrosodiphenylamine	91000	U	YES
,2,4,5-Tetrachlorobenzene	91000	U	YES
-Bromophenyl-phenylether	91000	U	YES
exachlorobenzene	91000	U	YES
trazine	91000	U	YES
entachlorophenol	180000	UJ	YES
henanthrene	91000	U	YES
nthracene	91000	U	YES
arbazole	91000	U	YES
i-n-butylphthalate	91000	U	YES
luoranthene	91000	U	YES
yrene	91000	U	YES
utylbenzylphthalate	91000	U	YES
,3'-Dichlorobenzidine	91000	U	YES
enzo(a)anthracene	91000	U	YES
Chrysene	91000	Ŭ	YES
Bis(2-ethylhexyl)phthalate	91000	U U	YES
i-n-octylphthalate	91000	U	YES

BNA

 Sample No: B0009
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	91000	U	YES
Benzo(k) fluoranthene	91000	U	YES
Benzo(a)pyrene	91000	U	YES
Indeno(1,2,3-cd)pyrene	91000	U	YES
Dibenzo(a,h)anthracene	91000	U	YES
Benzo(g,h,I)perylene	91000	U	YES
2,3,4,6-Tetrachlorophenol	91000	U	YES
Unknown-02 (7.26)	240000	J	YES
Stannane, tributylchloro-	8100000	JN	YES
Stannane, tetrabutyl- (01)	550000	JN	YES
Unknown-03 (9.01)	63000	J	YES
p-Dicyclohexylbenzene	61000	JN	YES
Bicyclohexyl, 4-phenyl-	44000	JN	YES
Unknown-04 (9.01)	100000	J	YES
Stannane, tetrabutyl- (03)	990000	JN	YES
Benzene, 1,3,5-trichloro-	1500000	JN	YES
Unknown-01 (7.26)	150000	J	YES

Pesticides

Sample No: B0005 SDG No: B0005 Case No: 40200 PH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	51	UJ	YES
beta-BHC	51	UJ	YES
delta-BHC	51	UJ	YES
gamma-BHC (Lindane)	51	UJ	YES
Heptachlor	51	UJ	YES
Aldrin	51	UJ	YES
Heptachlor epoxide	51	UJ	YES
Endosulfan I	51	R	YES
Dieldrin	99	UJ	YES
4,4'-DDE	99	UJ	YES
Endrin	99	R	YES
Endosulfan II	99	UJ	YES
4,4'-DDD	99	R	YES
Endosulfan sulfate	99	R	YES
4,4'-DDT	99	R	YES
Methoxychlor	510	UJ	YES
Endrin ketone	99	UJ	YES
Endrin aldehyde	99	UJ	YES
alpha-Chlordane	51	UJ	YES
gamma-Chlordane	51	UJ	YES
Toxaphene	5100	UJ	YES

Pesticides

 Sample No: B0006
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	51	UJ	YES
beta-BHC	51	UJ	YES
delta-BHC	51	UJ	YES
gamma-BHC (Lindane)	51	UJ	YES
Heptachlor	51	UJ	YES
Aldrin	51	UJ	YES
Heptachlor epoxide	51	UJ	YES
Endosulfan I	51	R	YES
Dieldrin	99	UJ	YES
4,4'-DDE	99	UJ	YES
Endrin	99	R	YES
Endosulfan II	99	UJ	YES
4,4'-DDD	99	R	YES
Endosulfan sulfate	99	R	YES
4,4'-DDT	99	R	YES
Methoxychlor	510	UJ	YES
Endrin ketone	99	UJ	YES
Endrin aldehyde	99	UJ	YES
alpha-Chlordane	51	UJ	YES
gamma-Chlordane	51	UJ	YES
Toxaphene	5100	UJ	YES

Pesticides

 Sample No: B0009
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	170	UJ	YES
beta-BHC	170	UJ	YES
delta-BHC	170	UJ	YES
gamma-BHC (Lindane)	170	UJ	YES
Heptachlor	170	UJ	YES
Aldrin	170	UJ	YES
Heptachlor epoxide	170	UJ	YES
Endosulfan I	170	R	YES
Dieldrin	330	UJ	YES
4,4'-DDE	330	UJ	YES
Endrin	330	R	YES
Endosulfan II	330	UJ	YES
4,4'-DDD	330	R	YES
Endosulfan sulfate	330	R	YES
4,4'-DDT	330	R	YES
Methoxychlor	1700	UJ	YES
Endrin ketone	330	UJ	YES
Endrin aldehyde	330	UJ	YES
alpha-Chlordane	170	UJ	YES
gamma-Chlordane	170	UJ	YES
Toxaphene	17000	UJ	YES

Aroclor

Sample No: ABLKSJ SDG No: B0005 Case No: 40200 PH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	33	U	YES
Aroclor-1221	33	U	YES
Aroclor-1232	33	U	YES
Aroclor-1242	33	U	YES
Aroclor-1248	33	U	YES
Aroclor-1254	33	U	YES
Aroclor-1260	33	U	YES
Aroclor-1262	33	U	YES
Aroclor-1268	33	U	YES

Aroclor

Sample No: ALCSSJ SDG No: B0005 Case No: 40200 PH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	35	J	YES
Aroclor-1221	33	U	YES
Aroclor-1232	33	U	YES
Aroclor-1242	33	U	YES
Aroclor-1248	33	U	YES
Aroclor-1254	33	U	YES
Aroclor-1260	43		YES
Aroclor-1262	33	U	YES
Aroclor-1268	33	U	YES

Aroclor

 Sample No: B0005
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	U	YES
Aroclor-1221	990	U	YES
Aroclor-1232	990	U	YES
Aroclor-1242	990	U	YES
Aroclor-1248	990	U	YES
Aroclor-1254	990	U	YES
Aroclor-1260	990	U	YES
Aroclor-1262	990	U	YES
Aroclor-1268	990	U	YES

Aroclor

 Sample No: B0006
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	U	YES
Aroclor-1221	990	U	YES
Aroclor-1232	990	U	YES
Aroclor-1242	990	U	YES
Aroclor-1248	990	U	YES
Aroclor-1254	990	U	YES
Aroclor-1260	990	U	YES
Aroclor-1262	990	U	YES
Aroclor-1268	990	U	YES

Aroclor

 Sample No: B0009
 SDG No: B0005
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	33	UJ	YES
Aroclor-1221	33	UJ	YES
Aroclor-1232	33	UJ	YES
Aroclor-1242	33	UJ	YES
Aroclor-1248	33	UJ	YES
Aroclor-1254	33	UJ	YES
Aroclor-1260	33	UJ	YES
Aroclor-1262	33	UJ	YES
Aroclor-1268	33	UJ	YES

VOA Low_Medium

Sample No: VBLK2A SDG No: B0005 Case No: 40200 PH: 4.9 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	U	YES
Chloromethane	250	U	YES
Vinyl chloride	250	U	YES
Bromomethane	250	U	YES
Chloroethane	250	U	YES
Trichlorofluoromethane	250	Ū	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	500	U	YES
Carbon Disulfide	250	U	YES
Methyl acetate	250	Ū	YES
Methylene chloride	250	U	YES
trans-1,2-Dichloroethene	250	U	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	500	U	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	UJ	YES
	250	U	YES
Benzene 1,2-Dichloroethane	250	U	YES
	5000	U U	YES
1,4-Dioxane Trichloroethene	250	U U	
	250	U U	YES
Methylcyclohexane	250	U U	YES YES
1,2-Dichloropropane	250	U U	YES
Bromodichloromethane	250	U U	
cis-1,3-Dichloropropene	500		YES
4-Methyl-2-pentanone	250	U	YES
Toluene		U	YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
<u>Tetrachloroethene</u>	250	U	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	250	U	YES
o-Xylene	250	U	YES
m,p-Xylene	250	U	YES
Styrene	250	U	YES
Bromoform	250	U	YES
Isopropylbenzene	250	U	YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250	U	YES

VOA Low_Medium

Sample No: VBLK2BSDG No: B0005Case No: 40200pH: 4.3Matrix: SOILUnits: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	U	YES
Chloromethane	250	Ū	YES
Vinyl chloride	250	Ū	YES
Bromomethane	250	Ū	YES
Chloroethane	250	Ū	YES
Trichlorofluoromethane	250	Ū	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	500	U	YES
Carbon Disulfide	250	U	YES
Methyl acetate	250	Ū	YES
Methylene chloride	250	U	YES
trans-1,2-Dichloroethene	250	U	YES
Methyl tert-butyl ether	250	U	YES
1,1-Dichloroethane	250	U	YES
cis-1,2-Dichloroethene	250	U	YES
2-Butanone	500	U	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	U	YES
	250	U	YES
Benzene 1,2-Dichloroethane	250	U	YES
1,4-Dioxane	5000	U U	YES
Trichloroethene	250	U U	
Methylcyclohexane	250	U U	YES YES
	250	U U	YES
1,2-Dichloropropane	250		YES
Bromodichloromethane	250	U	
cis-1,3-Dichloropropene	<u>250</u> 500	U	YES
4-Methyl-2-pentanone		U	YES
Toluene	250	U	YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
Tetrachloroethene	250	U	YES
2-Hexanone	500	U	YES
Dibromochloromethane	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	250	<u>U</u>	YES
o-Xylene	250	U	YES
m,p-Xylene	250	U	YES
Styrene	250	U	YES
Bromoform	250	U	YES
Isopropylbenzene	250	<u>U</u>	YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250	U	YES

VOA Low_Medium

Sample No: VBLK9YSDG No: B0005Case No: 40200pH: 4Matrix: SOILUnits: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	U	YES
Chloromethane	250	U	YES
Vinyl chloride	250	U	YES
Bromomethane	250	U	YES
Chloroethane	250	U	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	500	U	YES
Carbon Disulfide	250	U	YES
Methyl acetate	250	Ū	YES
Methylene chloride	250	U	YES
trans-1,2-Dichloroethene	250	Ū	YES
Methyl tert-butyl ether	250	Ū	YES
1,1-Dichloroethane	250	Ū	YES
cis-1,2-Dichloroethene	250	Ū	YES
2-Butanone	500	Ü	YES
Bromochloromethane	250	U	YES
Chloroform	250	U	YES
1,1,1-Trichloroethane	250	U	YES
Cyclohexane	250	U	YES
Carbon tetrachloride	250	U	YES
	250	U	YES
Benzene	250	U U	YES
1,2-Dichloroethane	5000	U U	
1,4-Dioxane Trichloroethene	250	U U	YES YES
	250	U	YES
Methylcyclohexane	250		YES
1,2-Dichloropropane		U	
Bromodichloromethane	250	U	YES
cis-1,3-Dichloropropene	250	U	YES
4-Methyl-2-pentanone	500	U U	YES
Toluene	250		YES
trans-1,3-Dichloropropene	250	U	YES
1,1,2-Trichloroethane	250	U	YES
Tetrachloroethene	250	U	YES
2-Hexanone	500	U	YES
<u>Dibromochloromethane</u>	250	U	YES
1,2-Dibromoethane	250	U	YES
Chlorobenzene	250	U	YES
Ethylbenzene	250	U	YES
o-Xylene	250	U	YES
m,p-Xylene	250	U	YES
Styrene	250	U	YES
Bromoform	250	U	YES
Isopropylbenzene	250	Ū	YES
1,1,2,2-Tetrachloroethane	250	U	YES
1,3-Dichlorobenzene	250	U	YES
1,4-Dichlorobenzene	250	U	YES
1,2-Dichlorobenzene	250	U	YES
1,2-Dibromo-3-chloropropane	250	U	YES
1,2,4-Trichlorobenzene	250	U	YES
1,2,3-Trichlorobenzene	250	U	YES

VOA Low_Medium

Sample No: VHBLK3NSDG No: B0005Case No: 40200pH: 4.9Matrix: SOILUnits: ug/kg

Chemical Name	Result Value	Validation	Reportable
Dichlorodifluoromethane	250	U	YES
Chloromethane	250	U	YES
Vinyl chloride	250	U	YES
Bromomethane	250	U	YES
Chloroethane	250	U	YES
Trichlorofluoromethane	250	U	YES
1,1-Dichloroethene	250	U	YES
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	YES
Acetone	500	Ŭ	YES
Carbon Disulfide	250	U	YES
Methyl acetate	250	U	YES
Methylene chloride	250	U	YES
trans-1,2-Dichloroethene	250	ŢŢ	YES

BNA

Sample No: SBLK2V SDG No: B0005 Case No: 40200 PH: 2 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzaldehyde	5000	U	YES
Phenol	5000	U	YES
is(2-Chloroethyl)ether	5000	U	YES
-Chlorophenol	5000	U	YES
-Methylphenol	5000	U	YES
,2'-Oxybis(1-chloropropane)	5000	U	YES
cetophenone	5000	U	YES
-Methylphenol	5000	U	YES
-Nitroso-di-n-propylamine	5000	U	YES
exachloroethane	5000	U	YES
itrobenzene	5000	U	YES
sophorone	5000	U	YES
-Nitrophenol	5000	U	YES
,4-Dimethylphenol	5000	U	YES
is(2-chloroethoxy)methane	5000	U	YES
,4-Dichlorophenol	5000	U	YES
aphthalene	5000	U	YES
-Chloroaniline	5000	U	YES
exachlorobutadiene	5000	Ü	YES
aprolactam	5000	U	YES
-Chloro-3-methylphenol	5000	U	YES
	5000	U	YES
-Methylnaphthalene exachlorocyclopentadiene	5000	Ū	YES
4,4,6-Trichlorophenol	5000	U	YES
,4,5-Trichlorophenol	5000	U	YES
,1'-Biphenyl	5000	U	YES
-Chloronaphthalene	5000	U	YES
-Nitroaniline	10000	U	YES
imethylphthalate	5000	U	YES
,6-Dinitrotoluene	5000	U	YES
cenaphthylene	5000	U	YES
-Nitroaniline	10000	U	YES
cenaphthene	5000	U	YES
,4-Dinitrophenol	10000	U	YES
-Nitrophenol	10000	U	YES
ibenzofuran	5000	U	YES
,4-Dinitrotoluene	5000	U	YES
iethylphthalate	5000	U	YES
luorene	5000	Ū	YES
-Chlorophenyl-phenylether	5000	U	YES
-Nitroaniline	10000	U	YES
,6-Dinitro-2-methylphenol	10000	U	YES
-Nitrosodiphenylamine	5000	U	YES
,2,4,5-Tetrachlorobenzene	5000	U	YES
-Bromophenyl-phenylether	5000	U	YES
exachlorobenzene	5000	Ŭ	YES
	5000	U	YES
trazine entachlorophenol	10000	Ū	YES
henanthrene	5000	U	YES
nthracene	5000	U	YES
arbazole	5000	U	YES
i-n-butylphthalate	5000	U	YES
luoranthene	5000	U	YES
yrene	5000	U	YES
utylbenzylphthalate	5000	U	YES
,3'-Dichlorobenzidine	5000	U	YES
enzo(a)anthracene	5000	U	YES
hrysene	5000	U	YES
Bis(2-ethylhexyl)phthalate	5000	U	YES
Di-n-octylphthalate	5000	U	YES

BNA

Sample No: SBLK2VSDG No: B0005Case No: 40200pH: 4.9Matrix: SOILUnits: ug/kgLAB: A4%Moisture: 0Dilution Factor

Chemical Name	Result Value	Validation	Reportable
Benzo(b) fluoranthene	5000	U	YES
Benzo(k) fluoranthene	5000	U	YES
Benzo(a)pyrene	5000	U	YES
Indeno(1,2,3-cd)pyrene	5000	U	YES
Dibenzo(a,h)anthracene	5000	U	YES
Benzo(g,h,I)perylene	5000	U	YES
2,3,4,6-Tetrachlorophenol	5000	U	YES
2-Methyl-1-butene	11000	JN	YES
Methylene chloride	3900000	JN	YES
Ethylidenecyclobutane	11000	JN	YES

Pesticides

Sample No: PBLKSI SDG No: B0005 Case No: 40200 PH: 2 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Endosulfan I	1.7	R	YES
Dieldrin	3.3	UJ	YES
4,4'-DDE	3.3	UJ	YES
Endrin	3.3	R	YES
Endosulfan II	3.3	UJ	YES
4,4'-DDD	3.3	R	YES
Endosulfan sulfate	3.3	R	YES
4,4'-DDT	3.3	R	YES
Methoxychlor	17	UJ	YES
Endrin ketone	3.3	UJ	YES
Endrin aldehyde	3.3	UJ	YES
alpha-Chlordane	1.7	UJ	YES
gamma-Chlordane	1.7	UJ	YES
Toxaphene	170	UJ	YES

Pesticides

Sample No: PLCSSI SDG No: B0005 Case No: 40200 PH: 2 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	1.7	UJ	YES
beta-BHC	1.7	UJ	YES
delta-BHC	1.7	UJ	YES
gamma-BHC (Lindane)	0.85	J	YES
Heptachlor	1.7	UJ	YES
Aldrin	1.7	UJ	YES
Heptachlor epoxide	0.99	J	YES
Endosulfan I	1.7	R	YES
Dieldrin	1.7	J	YES
4,4'-DDE	1.9	J	YES
Endrin	1.7	J	YES
Endosulfan II	3.3	UJ	YES
4,4'-DDD	3.3	R	YES
Endosulfan sulfate	1	J	YES
4,4'-DDT	3.3	R	YES
Methoxychlor	17	UJ	YES
Endrin ketone	3.3	UJ	YES
Endrin aldehyde	3.3	UJ	YES
alpha-Chlordane	1.7	UJ	YES
gamma-Chlordane	1.1	J	YES
Toxaphene	170	UJ	YES

BNA

 Sample No: B0016
 SDG No: B0005
 Case No: 40200

 pH: 4.9
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Hexachlorobutadiene	230000	U	YES
Caprolactam	230000	U	YES
4-Chloro-3-methylphenol	230000	U	YES
2-Methylnaphthalene	21000		YES
Hexachlorocyclopentadiene	230000	U	YES
2,4,6-Trichlorophenol	230000	U	YES
2,4,5-Trichlorophenol	230000	U	YES
1,1'-Biphenyl	230000	U	YES
	230000	n O	-
2-Chloronaphthalene			YES
2-Nitroaniline Dimethylphthalate	<u>450000</u> 230000	<u>U</u> U	YES YES
2,6-Dinitrotoluene	230000	Ū	YES
·	230000	U	YES
Acenaphthylene		-	-
3-Nitroaniline	450000	U	YES
Acenaphthene	230000	U	YES
2,4-Dinitrophenol	450000	U	YES
4-Nitrophenol	450000	U	YES
Dibenzofuran	230000	U	YES
2,4-Dinitrotoluene	230000	U	YES
Diethylphthalate	230000	U	YES
Fluorene	230000	U	YES
4-Chlorophenyl-phenylether	230000	U	YES
4-Nitroaniline	450000	U	YES
4,6-Dinitro-2-methylphenol	11000	J	YES
N-Nitrosodiphenylamine	230000	U	YES
1,2,4,5-Tetrachlorobenzene	230000	U	YES
4-Bromophenyl-phenylether	230000	U	YES
Hexachlorobenzene	230000	U	YES
Atrazine	230000	U	YES
Pentachlorophenol	450000	UJ	YES
Phenanthrene	230000	U	YES
Anthracene	230000	U	YES
Carbazole	230000	U	YES
Di-n-butylphthalate	230000	U	YES
Fluoranthene	230000	U	YES
Pyrene	230000	U	YES
Butylbenzylphthalate	230000	U	YES
3,3'-Dichlorobenzidine	230000	U	YES
Benzo(a)anthracene	230000	U	YES
Chrysene	230000	U	YES
Bis(2-ethylhexyl)phthalate	230000	U	YES
Di-n-octylphthalate	230000	U	YES
Benzo(b) fluoranthene	230000	U	YES
Benzo(k)fluoranthene	230000	U	YES
Benzo(a)pyrene	230000	U	YES
Indeno(1,2,3-cd)pyrene	230000	U	YES
Dibenzo(a,h)anthracene	230000	Ū	YES
Benzo(q,h,I)perylene	230000	Ū	YES
2,3,4,6-Tetrachlorophenol	230000	U	YES
Unknown-05 (9.01)	260000	J	YES
10,18-Bisnorabieta-5,7,9(10	150000	JN	YES
Phenanthrene, 1-methyl-7-(1	150000	JN	YES
Unknown-06 (12.20)	140000	J	YES
Unknown-07 (12.20)	230000	J	YES
7-Oxodehydroabietic acid, m	170000	JN	YES
Total Alkane TICs	430000	J	YES
Unknown-01 (3.83)	330000	J	YES
Benzene, 1,2,3-trimethyl- (01)	260000	JN	YES
Benzene, 1,2,3-trimethyl- (02)	580000	JN	YES
Unknown-02 (3.83)	660000	J	YES
011/11/0W11 02 (0.00)	00000	0	1110

BNA

 Sample No: B0016
 SDG No: B0005
 Case No: 40200

 pH: 4.4
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Benzene, 2-ethyl-1,4-dimethyl-	520000	JN	YES
Benzene, 1-ethyl-2,3-dimethyl-	220000	JN	YES
Benzene, 1,2,4,5-tetramethyl- (01)	570000	JN	YES
Unknown-03 (5.19)	250000	J	YES
Benzene, 1,2,4,5-tetramethyl- (02)	300000	JN	YES
Unknown-04 (5.19)	160000	J	YES
Stannane, chlorotris(2-meth	680000	JN	YES
p-Hydroxybiphenyl	250000	JN	YES

Pesticides

Sample No: B0016SDG No: B0005Case No: 40200pH: 4Matrix: SOILUnits: ug/kgLAB: A4%Moisture: 0Dilution Factor

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	51	UJ	YES
beta-BHC	51	UJ	YES
delta-BHC	51	UJ	YES
gamma-BHC (Lindane)	51	UJ	YES
Heptachlor	51	UJ	YES
Aldrin	51	UJ	YES
Heptachlor epoxide	51	UJ	YES
Endosulfan I	51	R	YES
Dieldrin	99	UJ	YES
4,4'-DDE	99	UJ	YES
Endrin	99	R	YES
Endosulfan II	99	UJ	YES
4,4'-DDD	99	R	YES
Endosulfan sulfate	99	R	YES
4,4'-DDT	99	R	YES
Methoxychlor	510	UJ	YES
Endrin ketone	99	UJ	YES
Endrin aldehyde	99	UJ	YES
alpha-Chlordane	51	UJ	YES
gamma-Chlordane	51	UJ	YES
Toxaphene	5100	UJ	YES

Pesticides

Sample No: PBLKSISDG No: B0005Case No: 40200pH: 4Matrix: SOILUnits: ug/kg

Chemical Name	Result Value	Validation	Reportable
alpha-BHC	1.7	UJ	YES
beta-BHC	1.7	UJ	YES
delta-BHC	1.7	UJ	YES
gamma-BHC (Lindane)	1.7	UJ	YES
Heptachlor	1.7	UJ	YES
Aldrin	1.7	UJ	YES
Heptachlor epoxide	1.7	UJ	YES

Aroclor

 Sample No: B0016
 SDG No: B0005
 Case No: 40200

 pH: 4
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	U	YES
Aroclor-1221	990	U	YES
Aroclor-1232	990	U	YES
Aroclor-1242	990	U	YES
Aroclor-1248	990	U	YES
Aroclor-1254	990	U	YES
Aroclor-1260	990	U	YES
Aroclor-1262	990	U	YES
Aroclor-1268	990	U	YES

VOA Low_Medium

Sample No: B0002 SDG No: B0008 Case No: 40200 pH: 2 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0008 SDG No: B0008 Case No: 40200 pH: 2 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

 Sample No: B0018
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

 Sample No: B0019
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

 Sample No: B0020
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES

VOA Low_Medium

Sample No: B0021 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0022 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
Vinyl chloride	5	R	YES	
1,1-Dichloroethene	5	R	YES	

VOA Low_Medium

Sample No: B0040 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0041 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0042 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0044 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	1.2	J	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES

BNA

Sample No: B0002 SDG No: B0008 Case No: 40200 PH: 2 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	25	U	YES
Hexachloroethane	25	U	YES
Nitrobenzene	25	U	YES
Hexachlorobutadiene	25	U	YES
2,4,6-Trichlorophenol	25	U	YES
2,4,5-Trichlorophenol	25	U	YES
2,4-Dinitrotoluene	25	U	YES
Hexachlorobenzene	25	U	YES
Pentachlorophenol	50	U	YES
3-Methylphenol + 4-Methylphenol	25	U	YES
Total Cresol	25	U	YES
Pyridine	25	U	YES

BNA

Sample No: B0008 SDG No: B0008 Case No: 40200 PH: 5 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	25	U	YES
Hexachloroethane	25	U	YES
Nitrobenzene	25	U	YES
Hexachlorobutadiene	25	U	YES
2,4,6-Trichlorophenol	25	U	YES
2,4,5-Trichlorophenol	25	U	YES
2,4-Dinitrotoluene	25	U	YES
Hexachlorobenzene	25	U	YES
Pentachlorophenol	50	U	YES
3-Methylphenol + 4-Methylphenol	25	U	YES
Total Cresol	25	U	YES
Pyridine	25	U	YES

BNA

Sample No: B0018 SDG No: B0008 Case No: 40200 pH: 5 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0019 SDG No: B0008 Case No: 40200 pH: 5 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0020 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
Hexachloroethane	5000	U	YES	
Nitrobenzene	5000	U	YES	
Hexachlorobutadiene	5000	U	YES	
2,4,6-Trichlorophenol	5000	U	YES	
2,4,5-Trichlorophenol	5000	U	YES	
2,4-Dinitrotoluene	5000	U	YES	
Hexachlorobenzene	5000	U	YES	
Pentachlorophenol	10000	U	YES	
3-Methylphenol + 4-Methylphenol	5000	U	YES	
Total Cresol	5000	U	YES	
Pyridine	5000	U	YES	

BNA

Sample No: B0021 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0040 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
2-Methylphenol	25000	U	YES	
Hexachloroethane	25000	U	YES	
Nitrobenzene	25000	U	YES	
Hexachlorobutadiene	25000	U	YES	
2,4,6-Trichlorophenol	25000	U	YES	
2,4,5-Trichlorophenol	25000	U	YES	
2,4-Dinitrotoluene	25000	U	YES	
Hexachlorobenzene	25000	U	YES	
Pentachlorophenol	50000	U	YES	
Pyridine	25000	U	YES	
3-Methylphenol + 4-Methylphenol	25000	U	YES	
Total Cresol	25000	U	YES	

BNA

Sample No: B0041 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0042 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

Pesticides

Sample No: B0002SDG No: B0008Case No: 40200pH: 2Matrix: WATERUnits: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.25	UJ	YES	
Heptachlor	0.25	UJ	YES	
Heptachlor epoxide	0.25	UJ	YES	
Endrin	0.5	UJ	YES	
Methoxychlor	2.5	UJ	YES	
alpha-Chlordane	0.25	UJ	YES	
gamma-Chlordane	0.25	UJ	YES	
Toxaphene	25	UJ	YES	

Pesticides

 Sample No: B0008
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

 Sample No: B0018
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.25	UJ	YES	
Heptachlor	0.25	UJ	YES	
Heptachlor epoxide	0.25	UJ	YES	
Endrin	0.5	R	YES	
Methoxychlor	2.5	UJ	YES	
alpha-Chlordane	0.25	UJ	YES	
gamma-Chlordane	0.25	UJ	YES	
Toxaphene	25	UJ	YES	

Pesticides

 Sample No: B0019
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0020 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	R	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0021 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	R	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0035 SDG No: B0008 Case No: 40200 PH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0040 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0040MS SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	2.5	J	YES
Heptachlor	3	J	YES
Heptachlor epoxide	3.4	J	YES
Endrin	11	J	YES
Methoxychlor	9.9	J	YES
alpha-Chlordane	3	J	YES
gamma-Chlordane	3.6	J	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0040MSD SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	2.4	J	YES
Heptachlor	2.6	J	YES
Heptachlor epoxide	3	J	YES
Endrin	12	J	YES
Methoxychlor	17	J	YES
alpha-Chlordane	2	J	YES
gamma-Chlordane	2.4	J	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0041 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	25	UJ	YES
Heptachlor	25	UJ	YES
Heptachlor epoxide	25	UJ	YES
Endrin	50	UJ	YES
Methoxychlor	250	UJ	YES
alpha-Chlordane	25	UJ	YES
gamma-Chlordane	25	UJ	YES
Toxaphene	2500	UJ	YES

Pesticides

Sample No: B0042 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.25	UJ	YES	
Heptachlor	0.25	UJ	YES	
Heptachlor epoxide	0.25	UJ	YES	
Endrin	0.5	R	YES	
Methoxychlor	2.5	UJ	YES	
alpha-Chlordane	0.25	UJ	YES	
gamma-Chlordane	0.25	UJ	YES	
Toxaphene	25	UJ	YES	

Aroclor

Sample No: ABLKTCSDG No: B0008Case No: 40200pH: 2Matrix: SOILUnits: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	U	YES
Aroclor-1221	990	U	YES
Aroclor-1232	990	U	YES
Aroclor-1242	990	U	YES
Aroclor-1248	990	U	YES
Aroclor-1254	990	U	YES
Aroclor-1260	990	U	YES
Aroclor-1262	990	U	YES
Aroclor-1268	990	U	YES

Aroclor

Sample No: ALCSTC SDG No: B0008 Case No: 40200 pH: 2 Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	970	J	YES
Aroclor-1221	990	U	YES
Aroclor-1232	990	U	YES
Aroclor-1242	990	U	YES
Aroclor-1248	990	U	YES
Aroclor-1254	990	U	YES
Aroclor-1260	1200		YES
Aroclor-1262	990	U	YES
Aroclor-1268	990	U	YES

Aroclor

 Sample No: B0002
 SDG No: B0008
 Case No: 40200

 pH: 2
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	830	R	YES
Aroclor-1221	830	R	YES
Aroclor-1232	830	R	YES
Aroclor-1242	830	R	YES
Aroclor-1248	830	R	YES
Aroclor-1254	830	R	YES
Aroclor-1260	830	R	YES
Aroclor-1262	830	R	YES
Aroclor-1268	830	R	YES

Aroclor

 Sample No: B0008
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	UJ	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	990	UJ	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

Aroclor

 Sample No: B0018
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	900	UJ	YES
Aroclor-1221	900	UJ	YES
Aroclor-1232	900	UJ	YES
Aroclor-1242	900	UJ	YES
Aroclor-1248	900	UJ	YES
Aroclor-1254	900	UJ	YES
Aroclor-1260	900	UJ	YES
Aroclor-1262	900	UJ	YES
Aroclor-1268	900	UJ	YES

Aroclor

 Sample No: B0019
 SDG No: B0008
 Case No: 40200

 pH: 5
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	UJ	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	990	UJ	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

Aroclor

Sample No: B0020 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	UJ	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	990	UJ	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

Aroclor

Sample No: B0021 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	900	UJ	YES
Aroclor-1221	900	UJ	YES
Aroclor-1232	900	UJ	YES
Aroclor-1242	900	UJ	YES
Aroclor-1248	900	UJ	YES
Aroclor-1254	900	UJ	YES
Aroclor-1260	900	UJ	YES
Aroclor-1262	900	UJ	YES
Aroclor-1268	900	UJ	YES

Aroclor

Sample No: B0040 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	900	UJ	YES
Aroclor-1221	900	UJ	YES
Aroclor-1232	900	UJ	YES
Aroclor-1242	900	UJ	YES
Aroclor-1248	900	UJ	YES
Aroclor-1254	900	UJ	YES
Aroclor-1260	900	UJ	YES
Aroclor-1262	900	UJ	YES
Aroclor-1268	900	UJ	YES

Aroclor

Sample No: B0040MS SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	2600	J	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	2600	J	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

Aroclor

Sample No: B0040MSD SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	2500	J	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	2600	J	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

Aroclor

Sample No: B0041 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	830	UJ	YES
Aroclor-1221	830	UJ	YES
Aroclor-1232	830	UJ	YES
Aroclor-1242	830	UJ	YES
Aroclor-1248	830	UJ	YES
Aroclor-1254	830	UJ	YES
Aroclor-1260	830	UJ	YES
Aroclor-1262	830	UJ	YES
Aroclor-1268	830	UJ	YES

Aroclor

 Sample No: B0042
 SDG No: B0008
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	UJ	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	990	UJ	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

VOA Low_Medium

Sample No: B0020 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0022 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0034 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0035 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0044 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: VBLK13 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	U	YES
1,1-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Chloroform	5	U	YES
Carbon tetrachloride	5	UJ	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
Trichloroethene	5	U	YES
Tetrachloroethene	5	U	YES
Chlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES

VOA Low_Medium

Sample No: VBLK14 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	U	YES
1,1-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Chloroform	5	U	YES
Carbon tetrachloride	5	U	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
Trichloroethene	5	U	YES
Tetrachloroethene	5	U	YES
Chlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES

VOA Low_Medium

Sample No: VHBLK3L SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	U	YES
1,1-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Chloroform	5	U	YES
Carbon tetrachloride	5	U	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
Trichloroethene	5	U	YES
Tetrachloroethene	5	U	YES
Chlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES

BNA

Sample No: B0020 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 200
Date Sampled: 6/8/2010 Time Sampled: Sample Location: NA

Chemical NameResult ValueValidationReportable2-Methylphenol5000UYES

BNA

Sample No: B0022 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0034 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0035 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	13000	Ū	YES
Hexachloroethane	13000	Ŭ	YES
Nitrobenzene	13000	U	YES
Hexachlorobutadiene	13000	U	YES
2,4,6-Trichlorophenol	13000	U	YES
2,4,5-Trichlorophenol	13000	U	YES
2,4-Dinitrotoluene	13000	U	YES
Hexachlorobenzene	13000	U	YES
Pentachlorophenol	25000	U	YES
3-Methylphenol + 4-Methylphenol	13000	U	YES
Total Cresol	13000	U	YES
Pyridine	13000	U	YES

BNA

Sample No: B0044 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: SBLK5Q SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
2-Methylphenol	5	U	YES	
Hexachloroethane	5	U	YES	
Nitrobenzene	5	U	YES	
Hexachlorobutadiene	5	U	YES	
2,4,6-Trichlorophenol	5	U	YES	
2,4,5-Trichlorophenol	5	U	YES	
2,4-Dinitrotoluene	5	U	YES	
Hexachlorobenzene	5	U	YES	
Pentachlorophenol	10	U	YES	
3-Methylphenol + 4-Methylphenol	5	U	YES	
Total Cresol	5	U	YES	
Pyridine	5	U	YES	

Pesticides

Sample No: B0022 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	R	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0034 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0035 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES

Pesticides

Sample No: B0044 SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.25	UJ	YES	
Heptachlor	0.25	UJ	YES	
Heptachlor epoxide	0.25	UJ	YES	
Endrin	0.5	R	YES	
Methoxychlor	2.5	UJ	YES	
alpha-Chlordane	0.25	UJ	YES	
gamma-Chlordane	0.25	UJ	YES	
Toxaphene	25	UJ	YES	

Pesticides

Sample No: PBLKRG SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.05	UJ	YES
Heptachlor	0.05	UJ	YES
Heptachlor epoxide	0.05	UJ	YES
Endrin	0.1	UJ	YES
Methoxychlor	0.5	UJ	YES
alpha-Chlordane	0.05	UJ	YES
gamma-Chlordane	0.05	UJ	YES
Toxaphene	5	UJ	YES

Pesticides

Sample No: PLCSRG SDG No: B0008 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.39	J	YES	
Heptachlor	0.43	J	YES	
Heptachlor epoxide	0.38	J	YES	
Endrin	1	J	YES	
Methoxychlor	4.8	J	YES	
alpha-Chlordane	0.39	J	YES	
gamma-Chlordane	0.4	J	YES	
Toxaphene	5	J	YES	

Aroclor

 Sample No: B0022
 SDG No: B0008
 Case No: 40200

 pH:
 Matrix: SOIL
 Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	830	UJ	YES
Aroclor-1221	830	UJ	YES
Aroclor-1232	830	UJ	YES
Aroclor-1242	830	UJ	YES
Aroclor-1248	830	UJ	YES
Aroclor-1254	830	UJ	YES
Aroclor-1260	830	UJ	YES
Aroclor-1262	830	UJ	YES
Aroclor-1268	830	UJ	YES

Aroclor

Sample No: B0034 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	990	UJ	YES
Aroclor-1221	990	UJ	YES
Aroclor-1232	990	UJ	YES
Aroclor-1242	990	UJ	YES
Aroclor-1248	990	UJ	YES
Aroclor-1254	990	UJ	YES
Aroclor-1260	990	UJ	YES
Aroclor-1262	990	UJ	YES
Aroclor-1268	990	UJ	YES

Aroclor

Sample No: B0035 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	900	UJ	YES
Aroclor-1221	900	UJ	YES
Aroclor-1232	900	UJ	YES
Aroclor-1242	900	UJ	YES
Aroclor-1248	900	UJ	YES
Aroclor-1254	900	UJ	YES
Aroclor-1260	900	UJ	YES
Aroclor-1262	900	UJ	YES
Aroclor-1268	900	UJ	YES

Aroclor

Sample No: B0044 SDG No: B0008 Case No: 40200 pH: Matrix: SOIL Units: ug/kg

Chemical Name	Result Value	Validation	Reportable
Aroclor-1016	900	UJ	YES
Aroclor-1221	900	UJ	YES
Aroclor-1232	900	UJ	YES
Aroclor-1242	900	UJ	YES
Aroclor-1248	900	UJ	YES
Aroclor-1254	900	UJ	YES
Aroclor-1260	900	UJ	YES
Aroclor-1262	900	UJ	YES
Aroclor-1268	900	UJ	YES

VOA Low_Medium

 Sample No: B0029
 SDG No: B0017
 Case No: 40200

 pH: 7
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

 Sample No: B0030
 SDG No: B0017
 Case No: 40200

 pH: 7
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

BNA

Sample No: B0029 SDG No: B0017 Case No: 40200 pH: 7 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0030 SDG No: B0017 Case No: 40200 pH: 7 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES

Pesticides

 Sample No: B0024
 SDG No: B0017
 Case No: 40200

 pH: 7
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

 Sample No: B0029
 SDG No: B0017
 Case No: 40200

 pH: 7
 Matrix: WATER
 Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

VOA Low_Medium

Sample No: B0017 SDG No: B0017 Case No: 40200 PH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0023 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	8	J	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0024 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: VBLK24 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Butanone	10	U	YES
Chloroform	5	U	YES
Carbon tetrachloride	5	U	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
Trichloroethene	5	U	YES
Tetrachloroethene	5	U	YES
Chlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES

VOA Low_Medium

Sample No: VBLK25 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	U	YES
1,1-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Chloroform	5	U	YES
Carbon tetrachloride	5	U	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
Trichloroethene	5	U	YES
Tetrachloroethene	5	U	YES
Chlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	U	YES

VOA Low_Medium

Sample No: VBLK2Z SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
Vinyl chloride	5	U	YES	
1,1-Dichloroethene	5	U	YES	
2-Butanone	10	U	YES	
Chloroform	5	U	YES	
Carbon tetrachloride	5	U	YES	
Benzene	5	U	YES	
1,2-Dichloroethane	5	U	YES	
Trichloroethene	5	U	YES	
Tetrachloroethene	5	U	YES	
Chlorobenzene	5	U	YES	
1,4-Dichlorobenzene	5	U	YES	

VOA Low_Medium

Sample No: VHBLK3P SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	U	YES
1,1-Dichloroethene	5	U	YES
2-Butanone	10	U	YES
Chloroform	5	U	YES
Carbon tetrachloride	5	U	YES
Benzene	5	U	YES
1,2-Dichloroethane	5	U	YES
Trichloroethene	5	U	YES
Tetrachloroethene	5	U	YES
Chlorobenzene	5	U	YES
1,4-Dichlorobenzene	5	Ū	YES

BNA

Sample No: B0017 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0023 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0024 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES
Pyridine	5000	U	YES

Pesticides

Sample No: B0017 SDG No: B0017 Case No: 40200 PH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0024 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES

VOA Low_Medium

Sample No: B0036 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

VOA Low_Medium

Sample No: B0043 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	R	YES
1,1-Dichloroethene	5	R	YES
2-Butanone	10	R	YES
Chloroform	5	R	YES
Carbon tetrachloride	5	R	YES
Benzene	5	R	YES
1,2-Dichloroethane	5	R	YES
Trichloroethene	5	R	YES
Tetrachloroethene	5	R	YES
Chlorobenzene	5	R	YES
1,4-Dichlorobenzene	5	R	YES

BNA

Sample No: B0030 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0036 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	5000	U	YES
Hexachloroethane	5000	U	YES
Nitrobenzene	5000	U	YES
Hexachlorobutadiene	5000	U	YES
2,4,6-Trichlorophenol	5000	U	YES
3-Methylphenol + 4-Methylphenol	5000	U	YES
Total Cresol	5000	U	YES

BNA

Sample No: B0037 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0043 SDG No: B0017 Case No: 40200 pH: 2 Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
2-Methylphenol	5000	U	YES	
Hexachloroethane	5000	U	YES	
Nitrobenzene	5000	U	YES	
Hexachlorobutadiene	5000	U	YES	
2,4,6-Trichlorophenol	5000	U	YES	
2,4,5-Trichlorophenol	5000	U	YES	
2,4-Dinitrotoluene	5000	U	YES	
Hexachlorobenzene	5000	U	YES	
Pentachlorophenol	10000	U	YES	
3-Methylphenol + 4-Methylphenol	5000	U	YES	
Total Cresol	5000	U	YES	

Pesticides

Sample No: B0030 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: B0037 SDG No: B0017 Case No: 40200 PH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.25	UJ	YES
Heptachlor	0.25	UJ	YES
Heptachlor epoxide	0.25	UJ	YES
Endrin	0.5	UJ	YES
Methoxychlor	2.5	UJ	YES
alpha-Chlordane	0.25	UJ	YES
gamma-Chlordane	0.25	UJ	YES
Toxaphene	25	UJ	YES

Pesticides

Sample No: PBLKRH SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Heptachlor	0.05	U	YES
Heptachlor epoxide	0.05	U	YES
Endrin	0.1	U	YES
Methoxychlor	0.5	U	YES
alpha-Chlordane	0.05	U	YES
gamma-Chlordane	0.05	U	YES
Toxaphene	5	U	YES

Pesticides

Sample No: PLCSRH SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
gamma-BHC (Lindane)	0.48		YES
Heptachlor	0.44		YES
Heptachlor epoxide	0.46		YES
Endrin	1		YES
Methoxychlor	6		YES

VOA Low_Medium

Sample No: B0037 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
Vinyl chloride	5	R	YES	
1,1-Dichloroethene	5	R	YES	
2-Butanone	10	R	YES	
Chloroform	5	R	YES	
Carbon tetrachloride	5	R	YES	
Benzene	5	R	YES	
1,2-Dichloroethane	5	R	YES	
Trichloroethene	5	R	YES	
Tetrachloroethene	5	R	YES	
Chlorobenzene	5	R	YES	
1,4-Dichlorobenzene	5	R	YES	

VOA Low_Medium

Sample No: VBLK13 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
Vinyl chloride	5	U	YES	
1,1-Dichloroethene	5	U	YES	
2-Butanone	10	U	YES	
Chloroform	5	U	YES	
Carbon tetrachloride	5	UJ	YES	
Benzene	5	U	YES	
1,2-Dichloroethane	5	U	YES	
Trichloroethene	5	U	YES	
Tetrachloroethene	5	U	YES	
Chlorobenzene	5	U	YES	
1,4-Dichlorobenzene	5	U	YES	

VOA Low_Medium

Sample No: VBLK24 SDG No: B0017 Case No: 40200 PH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
Vinyl chloride	5	U	YES
1,1-Dichloroethene	5	U	YES

BNA

Sample No: B0036 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2,4,5-Trichlorophenol	5000	U	YES
2,4-Dinitrotoluene	5000	U	YES
Hexachlorobenzene	5000	U	YES
Pentachlorophenol	10000	U	YES
Pyridine	5000	U	YES

BNA

Sample No: B0037 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
2-Methylphenol	5000	U	YES	
Hexachloroethane	5000	U	YES	_
Nitrobenzene	5000	U	YES	_
Hexachlorobutadiene	5000	U	YES	_
2,4,6-Trichlorophenol	5000	U	YES	_
2,4,5-Trichlorophenol	5000	U	YES	_
2,4-Dinitrotoluene	5000	U	YES	
3-Methylphenol + 4-Methylphenol	5000	U	YES	_
Total Cresol	5000	U	YES	

BNA

Sample No: B0043 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

LAB: A4 %Moisture: Dilution Factor: 200
Date Sampled: 6/9/2010 Time Sampled: Sample Location: NA

Chemical NameResult ValueValidationReportablePyridine92000JYES

BNA

Sample No: B0043DL SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
2-Methylphenol	10000	U	N
Hexachloroethane	10000	U	N
Nitrobenzene	10000	U	N
Hexachlorobutadiene	10000	U	N
2,4,6-Trichlorophenol	10000	U	N
2,4,5-Trichlorophenol	10000	U	N
2,4-Dinitrotoluene	10000	U	N
Hexachlorobenzene	10000	U	N
Pentachlorophenol	20000	U	N
3-Methylphenol + 4-Methylphenol	10000	U	N
Total Cresol	10000	U	N
Pyridine	92000	J	N

BNA

Sample No: SBLK5R SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
2-Methylphenol	5	U	YES	
Hexachloroethane	5	U	YES	
Nitrobenzene	5	U	YES	
Hexachlorobutadiene	5	U	YES	
2,4,6-Trichlorophenol	5	U	YES	
2,4,5-Trichlorophenol	5	U	YES	
2,4-Dinitrotoluene	5	U	YES	
Hexachlorobenzene	5	U	YES	
Pentachlorophenol	10	U	YES	
3-Methylphenol + 4-Methylphenol	5	U	YES	
Total Cresol	5	U	YES	
Pyridine	5	U	YES	

Pesticides

Sample No: B0036 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.25	UJ	YES	
Heptachlor	0.25	UJ	YES	
Heptachlor epoxide	0.25	UJ	YES	
Endrin	0.5	UJ	YES	
Methoxychlor	2.5	UJ	YES	
alpha-Chlordane	0.25	UJ	YES	
gamma-Chlordane	0.25	UJ	YES	
Toxaphene	25	UJ	YES	

Pesticides

Sample No: B0043 SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable	
gamma-BHC (Lindane)	0.25	UJ	YES	
Heptachlor	0.25	UJ	YES	
Heptachlor epoxide	0.25	UJ	YES	
Endrin	0.5	UJ	YES	
Methoxychlor	2.5	UJ	YES	
alpha-Chlordane	0.25	UJ	YES	
gamma-Chlordane	0.25	UJ	YES	
Toxaphene	25	UJ	YES	

Pesticides

Sample No: PBLKRHSDG No: B0017Case No: 40200pH: 7Matrix: WATERUnits: ug/L

LAB: A4 %Moisture: Dilution Factor: 1
Date Sampled: 7/27/2010 Time Sampled: Sample Location: NA

Chemical NameResult ValueValidationReportablegamma-BHC (Lindane)0.05UYES

Pesticides

Sample No: PLCSRH SDG No: B0017 Case No: 40200 pH: Matrix: WATER Units: ug/L

Chemical Name	Result Value	Validation	Reportable
alpha-Chlordane	0.42		YES
gamma-Chlordane	0.48		YES
Toxaphene	5	U	YES